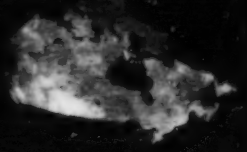
Natural Resources Canada
Ressources naturelles Canada



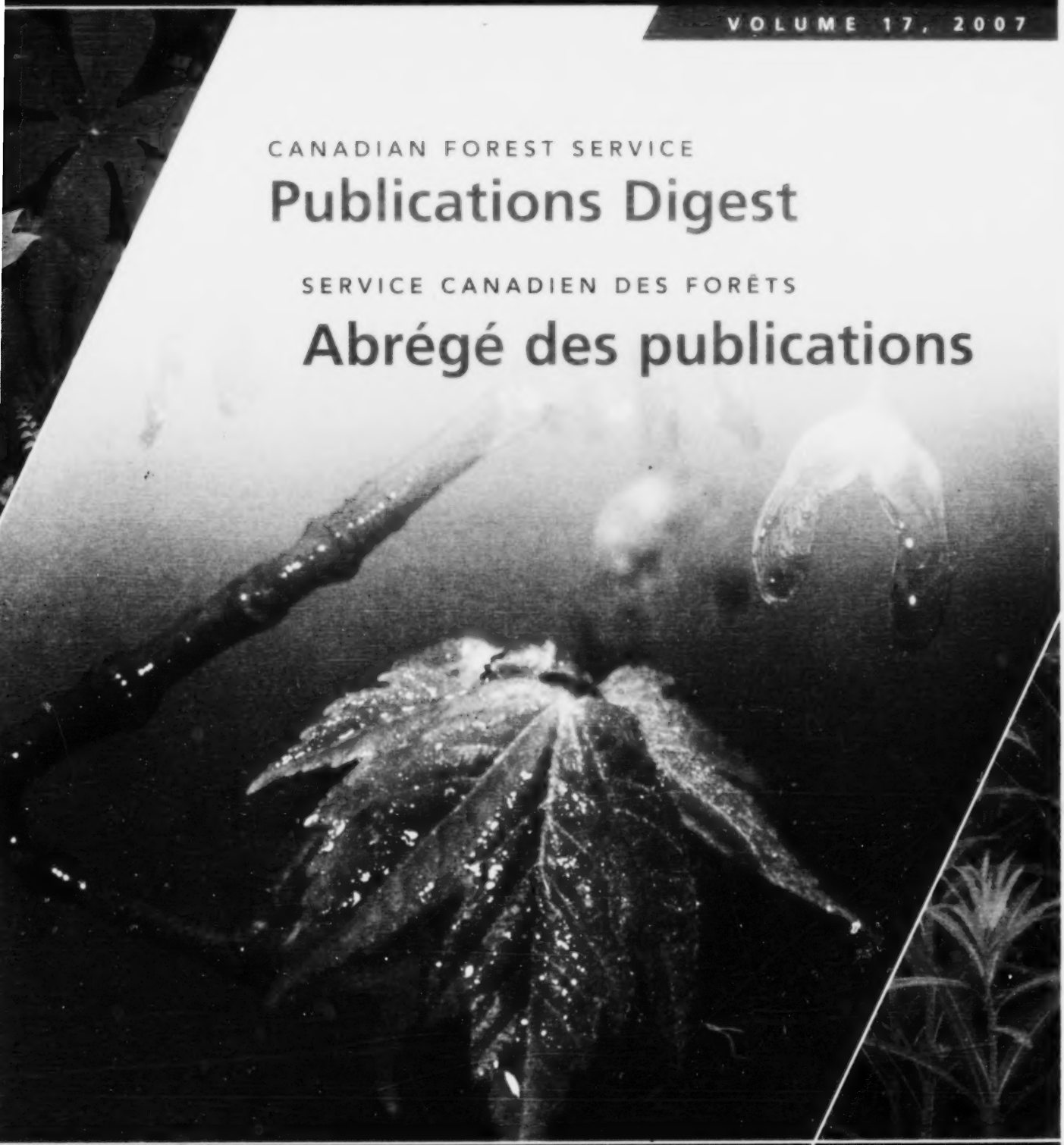
VOLUME 17, 2007

CANADIAN FOREST SERVICE

Publications Digest

SERVICE CANADIEN DES FORÊTS

Abrégé des publications



Canada

New!
Nouveau!

CANADIAN FOREST SERVICE SCIENCE-POLICY NOTES/ NOTES DU SERVICE CANADIEN DES FORÊTS SUR LA SCIENCE ET LES POLITIQUES

The Canadian Forest Service, Natural Resources Canada, is pleased to present its new series the Canadian Forest Service Science-Policy Notes. These Notes analyze current science-policy issues relevant to the forest sector. The Notes published so far are:

- Does Harvesting in Canada's Forests Contribute to Climate Change?
- Is Canada's Forest a Carbon Sink or Source?

The Notes are available in the Bookstore, www.bookstore.cfs.nrcan.gc.ca, in a PDF format file. Subsequent Notes will also be published this year in the Bookstore and on the Canadian Forest Service Web site, cfs.nrcan.gc.ca/news/source/19 .

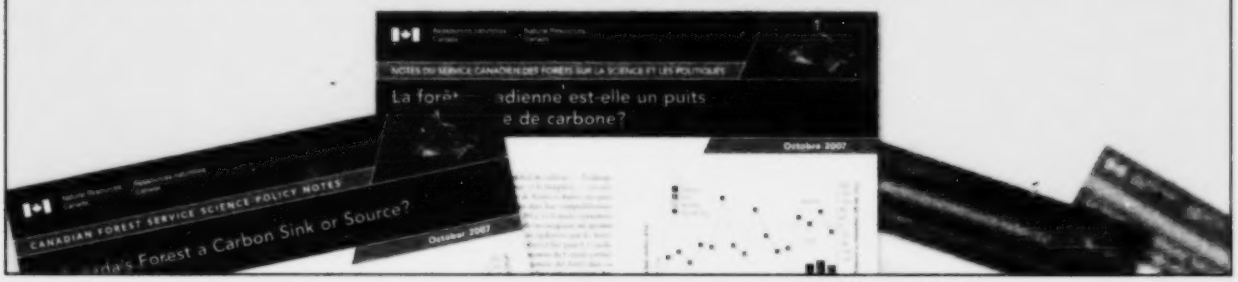
If you wish to be notified when the next issue becomes available from the Canadian Forest Service Online Bookstore, send a message to Francine.Berube@nrcan.gc.ca.

Le Service canadien des forêts de Ressources naturelles Canada est fier de présenter sa nouvelle série de Notes sur la science et les politiques. Ces notes analysent des questions d'actualité concernant le secteur des forêts. Les numéros déjà publiés portaient sur les sujets suivants :

- Est-ce que l'exploitation forestière au Canada contribue au changement climatique?
- La forêt canadienne est-elle un puits ou une source de carbone?

Ces notes sont maintenant disponibles en format PDF dans notre Librairie, www.librairie.scf.rncan.gc.ca. Les prochaines notes seront dès cette année publiées dans la Librairie et le site Web du Service canadien des forêts, http://scf.rncan.gc.ca/nouvelles/source/19/.

Si vous désirez être notifié à la parution d'un nouveau numéro dans la Librairie virtuelle du Service canadien des forêts, veuillez envoyer un message à Francine.Berube@nrcan.gc.ca .



Canadian Forest Service • Service canadien des forêts

Bookstore Librairie

Our online bookstore provides you with easier access to Canadian Forest Service publications.

bookstore.cfs.nrcan.gc.ca

Notre librairie virtuelle vous facilite l'accès aux publications du Service canadien des forêts.

librairie.scf.rncan.gc.ca

The Publications Digest lists publications from the research establishments and headquarters of the Canadian Forest Service (CFS), Natural Resources Canada (NRCan).

Most of these publications are distributed free and can be obtained by contacting the relevant CFS research establishment. The source of each publication is usually indicated by a circled number referring to an address listed on the last page. Publications can be ordered from the CFS Online Bookstore (bookstore.cfs.nrcan.ca) or by mail, fax, phone, and e-mail (see last page for detailed information). Online only publications are available from the CFS Online Bookstore. Priced publications are listed on pages 26–31.

In some cases, an abstract or short description and/or a pdf format file of the publication is available from the CFS Online Bookstore.

The language of each report is indicated by the language of the title. Reference to the availability of the report in the other official language can be found at the end of the bibliographic entry.

This issue includes all publications issued in 2007 and those not previously mentioned in *The Publications Digest*.

L'Abrégé des publications cite les publications des établissements de recherche et de l'administration centrale du Service canadien des forêts (SCF) de Ressources naturelles Canada (RNCan).

La plupart des publications sont distribuées gratuitement et peuvent être obtenues auprès de l'établissement du SCF qui les a publiées. Un chiffre encerclé indique habituellement cette source et renvoie le lecteur à la liste d'adresses qui se trouve à la dernière page. Les publications peuvent être commandées via la Librairie virtuelle du SCF (librairie.scf.rncan.gc.ca), ou par la poste, par fax, par téléphone, ou par courrier électronique (tous les détails sont donnés à la dernière page). Les publications disponibles en ligne seulement se trouvent dans la librairie virtuelle du SCF. Les publications tarifées sont énumérées aux pages 26 à 31.

Dans certains cas, un résumé ou une courte description et/ou un fichier en format pdf de la publication est disponible dans la Librairie virtuelle du SCF.

La langue des rapports est indiquée par la langue du titre. Si la publication est disponible dans l'autre langue officielle, un renvoi au titre approprié est donné à la fin de l'entrée bibliographique.

Ce numéro comprend toutes les publications distribuées en 2007 et les précédentes qui n'ont pas été mentionnées dans *l'Abrégé*.

CFS ONLINE BOOKSTORE
bookstore.cfs.nrcan.gc.ca

LIBRAIRIE VIRTUELLE DU SCF
librairie.scf.rncan.gc.ca

Table of Contents

Table des matières

General Information	4	Information générale
Climate Change and Atmospheric Influences	6	Changements climatiques et influences atmosphériques
Forest Diseases	8	Maladies forestières
Forest Ecology and Site Classification	9	Écologie forestière et classification des sites
Forest Fires	10	Incendies de forêt
Forest Insects	12	Insectes forestiers
Genetics, Tree Improvement, and Biodiversity	16	Génétique, amélioration des arbres et biodiversité
Growth and Yield, Inventory, and Monitoring	18	Accroissement, inventaire et biosurveillance
Impacts of Forestry Practices	20	Incidences des pratiques forestières
International Trade and Policy	21	Commerce international et politiques
National Strategy and Coordination	21	Stratégie nationale et coordination
Silviculture	22	Sylviculture
Socioeconomics and Statistics	22	Socioéconomie et statistique
Sustainable Forest Management	23	Aménagement durable des forêts
Miscellaneous	25	Divers
Priced Publications	26	Publications tarifées
Establishment Addresses	32	Adresses des établissements

General Information

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2007. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 11. 2 p. [English: see *In Brief*...No. 11.]

Les Brèves du Service canadien des forêts, Centre de foresterie des Laurentides. 2007. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). N° 12. 2 p. [English: see *In Brief*...No. 12.]

The Bridge. Newsletter from the Canadian Forest Service, Pacific Forestry Centre. Fall/Winter 2007. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C./Indian and Northern Affairs Canada. No. 16. 12 p.

Bulletin-é du Centre de foresterie des Grands Lacs. [En ligne seulement]. Printemps 2007. RNCan, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). N° 4. [scf.rncan.gc.ca/nouvelles/source/11/] [English: see *Great Lakes*...Spring 2007.]

Canadian Wood Fibre Centre. Development Plan 2006–2009. 2007. NRCan, CFS, HQ Canadian Wood Fibre Centre, Ottawa. 30 p. [Français : voir *Centre canadien*...]

Centre canadien sur la fibre de bois. Plan de développement 2006–2009. 2007. RNCan, SCF, Administration centrale, Centre canadien sur la fibre de bois, Ottawa. 30 p. [English: see *Canadian Wood*...]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Janvier-février 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 3 p. [fnfp.gc.ca/francais/publications/enews/07_e-news_jan_feb.pdf] [English: see *First Nations...e-news.* January–February 2007.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Septembre-octobre 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 4 p. [fnfp.gc.ca/francais/publications/enews/07_e-news_sept_oct.pdf] [English: see *First Nations...e-news.* September–October 2007.]

e-Nouvelles du Programme forestier des Premières nations. [En ligne seulement]. Octobre-novembre 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 3 p. [fnfp.gc.ca/francais/publications/enews/07_e-news_oct_nov.pdf] [English: see *First Nations...e-news.* October–November 2007.]

Information générale

Environmental Science Advisory Committee: 2005 Annual Report. 2006. Environmental Science Advisory Committee, Canadian Forces Base Esquimalt, Department of National Defence/NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. 86 p.

L'État des forêts au Canada : Rapport annuel 2007. 2007. RNCan, SCF, Administration centrale, Direction de la planification, des opérations et de l'information, Ottawa. 28 p. [English: see *The State of Canada's Forests*...]

First Nations Forestry Program e-news. [Online only]. January–February 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 3 p. [fnfp.gc.ca/english/publications/enews/07_e-news_jan_feb.pdf] [Français : voir *e-Nouvelles* (...) Janvier-février 2007]

First Nations Forestry Program e-news. [Online only]. September–October 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 4 p. [fnfp.gc.ca/english/publications/enews/07_e-news_sept_oct.pdf] [Français : voir *e-Nouvelles* (...) Septembre-octobre 2007]

First Nations Forestry Program e-news. [Online only]. October–November 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 3 p. [fnfp.gc.ca/english/publications/enews/07_e-news_oct_nov.pdf] [Français : voir *e-Nouvelles* (...) Octobre-novembre 2007.]

First Nations Forestry Program. Annual report 2004–2005. 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 46 p. [Français : voir *Programme forestier* (...) *Rapport annuel*...]

First Nations Forestry Program. A quantitative assessment of Aboriginal involvement in the Canadian forest industry. 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 40 p. [Français : voir *Programme forestier* (...) *Évaluation quantitative*...]

First Nations Forestry Program. Major forest sector issues and initiatives and their impact on Aboriginal communities. 2007. NRCan, CFS, HQ, Science and Programs Branch/Indian and Northern Affairs Canada, Ottawa. 26 p. [Français : voir *Programme forestier* (...) *Principaux enjeux*...]

Forest Health and Biodiversity News. Spring 2007. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. Vol. 11, No. 1. 6 p. [Français : voir *Santé et biodiversité*...]

Great Lakes Forestry Centre e-Bulletin. [Online only]. Spring 2007. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Issue 4 -[cfs.nrcan.gc.ca/news/source/11] [Français : voir *Bulletin-é* (…) Printemps 2007.]

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2007. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. No. 11. 2 p. [Français : voir *Les Brèves* (…) N° 11.] 2

In Brief from the Canadian Forest Service, Laurentian Forestry Centre. 2007. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. No. 12. 2 p. [Français : voir *Les Brèves* (…) N° 12.] 2

Info-Forêts. Avril 2007. Keiran, M., éd. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Bulletin. 12 p. [English: see *Information Forestry*. April 2007.] 5

Info-Forêts. Août 2007. Keiran, M., éd. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Bulletin. 12 p. [English: see *Information Forestry*. August 2007.] 5

Information Forestry. April 2007. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 12 p. [Français : voir *Info-Forêts*. Avril 2007.] 5

Information Forestry. August 2007. Keiran, M., ed. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 12 p. [Français : voir *Info-Forêts*. Août 2007.] 5

Information Forestry. December 2007. Keiran, M. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Newsletter. 16 p. 5

Point de vue. 2007. RNCan, SCF, Administration centrale, Ottawa. Bulletin national du Service canadien des forêts. Automne 2007, Numéro 5. 4 p. [English : see *ViewPoint*.] 6

Programme forestier des Premières nations. Évaluation quantitative de la participation des Autochtones à l'industrie forestière canadienne. 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 42 p. [English: see *First Nations…A quantitative assessment*…] 6

Programme forestier des Premières nations. Principaux enjeux et initiatives dans le secteur forestier et leurs incidences sur les collectivités autochtones. 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 30 p. 6 [English: see *First Nations…Major forest*…]

Programme forestier des Premières nations. Rapport annuel 2004–2005. 2007. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, et Affaires indiennes et du Nord Canada, Ottawa. 50 p. [English: see *First Nations…Annual report*…] 6

Publications récentes. Automne 2007. Simpson, C.M. RNCan, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Autumn 2007.] 1

Publications récentes. Été 2007. Simpson, C.M. RNCan, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Summer 2007.] 1

Publications récentes. Hiver 2007. Simpson, C.M. RNCan, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Winter 2007.] 1

Publications récentes. Printemps 2007. Simpson, C.M. RNCan, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). [English: see *Recent Publications*. Spring 2007.] 1

Recent Publications. Autumn 2007. Simpson, C.M. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Automne 2007.] 1

Recent Publications. Spring 2007. Simpson, C.M. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Printemps 2007.] 1

Recent Publications. Summer 2007. Simpson, C.M. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Été 2007.] 1

Recent Publications. Winter 2007. Simpson, C.M. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. [Français : voir *Publications récentes*. Hiver 2007.] 1

Santé et biodiversité des forêts Nouvelles. 2007. Anonyme. Volume 11, numéro 1, printemps 2007. RNCan, SCF, Centre de foresterie de l'Atlantique, Fredericton (Nouveau-Brunswick). 6 p. [English: see *Forest Health*…] 1

The State of Canada's Forests: Annual report 2007. 2007. NRCan, CFS, HQ, Planning, Operations and Information Branch, Ottawa. 28 p. [Français : voir *L'État des forêts*…] 6

ViewPoint. 2007. NRCan, CFS, HQ, Ottawa. National Newsletter of the Canadian Forest Service. Fall 2007, Issue 5. 4 p. [Français : voir *Point de vue*.] 6

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Bootsma A.; McKenney, D.W.; Anderson, D.; Papadopol, P. 2007. A re-evaluation of crop heat units in the Maritime provinces of Canada. Can. J. Plant Sci. 87(2):281–287. 3

Brown, T.J.; Potter, B.E.; Flannigan, M.D. 2007. Preface. Int. J. Wildland Fire 16:iii. 3

McKenney, D.W.; Hutchinson, M.; Papadopol, P.; Campbell, K.; Lawrence, K. 2006. The generation of USDA-equivalent extreme minimum temperature models and a comparison with Canada's plant hardiness zones. Can. J. Plant Sci. 86(2): 511–523. 3

NRCan, CFS. 2007. Aboriginal Forestry News [various articles]. For. Chron. 83(1):26–28. 6

Parsons, R. 2007. Atlantic Forestry Centre staff learn about Innu culture. For. Chron. 83(1):12. 1

Smith, G.K.M. 2007. Boreal Conference 2006: synopsis of presentations and plenary discussion periods October 2–3, 2006. For. Chron. 83(3):313–318. 3

Smith, G. C.M.; Johnson, J.E. 2007. Breaking trail through mountains—forest policy implementation case studies. For. Chron. 83(5):699–707. 3

Simpson, J.D.; Wang, B.S.P. 2007. The National Tree Seed Centre celebrates 40 years. For. Chron. 83(5):719–722. 1

Climate Change and Atmospheric Influences

Changement climatique et productivité forestière : une forêt de questions. 2007. Bernier, P. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts nº 33. 2 p. [English: see *Climate change and forest productivity*…] 2

Climate change and forest productivity: questions abound. 2007. Bernier, P. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 33. 2 p. [Français: voir *Changement climatique et productivité*…] 2

Customized spatial climate models for Canada. 2007. McKenney, D.W.; Papadopol, P.; Lawrence, K.; Campbell, K.L.; Hutchinson, M.F. NRCan, CFS, Great Lakes Forestry Centre, Sault Ste. Marie, Ont. Frontline Tech. Note 108. 7 p. [Français : voir *Modèle du climat*…] 3

Does harvesting in Canada's forests contribute to climate change? [Online only]. May 2007. NRCan, CFS, HQ, Ottawa. CFS Science-Policy Notes. 2 p. [cfs.nrcan.gc.ca/news/473] [Français : voir *Est-ce que l'exploitation forestière*…]

Est-ce que l'exploitation forestière au Canada contribue au changement climatique? [En ligne seulement]. Mai 2007. RNCan, SCF, Administration centrale, Ottawa. Notes du Service canadien des forêts sur la science et les politiques. 2 p. [scf.rncan.gc.ca/nouvelles/473] [English : see *Does harvesting*…]

La Forêt canadienne est-elle un puits ou une source de carbone? [En ligne seulement]. Octobre 2007. RNCan, SCF, Administration centrale, Ottawa. Notes du Service canadien des forêts sur la science et les politiques. 2 p. [scf.rncan.gc.ca/nouvelles/544] [English : see *Is Canada's forest*…]

Changements climatiques et influences atmosphériques

Is Canada's forest a carbon sink or source? [Online only]. October 2007. NRCan, CFS, HQ, Ottawa. CFS Science-Policy Notes. 2 p. [cfs.nrcan.gc.ca/news/544] [Français : voir *La Forêt canadienne*…]

Modèles du climat à résolution spatiale adaptée. 2007. McKenney, D.W.; Papadopol, P.; Lawrence, K.; Campbell, K.L.; Hutchinson, M.F. RNCan, SCF, Centre de foresterie des Grands Lacs, Sault Ste. Marie (Ontario). Frontline Notes Techniques 108. 7 p. [English: see *Customized spatial climate models*…] 3

Operational-scale carbon budget model of the Canadian forest sector (CBM-CFS3) version 1.0: user's guide. 2006. Kull, S.; Kurz, W.A.; Rampley, G.; Banfield, G.E.; Schivatcheva, R.K.; Apps, M.J. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. 320 p. 4

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Balshi, M.S.; McGuire, A.D.; Zhuang, Q.; Melillo, J.M.; Kicklighter, D.W.; Kasischke, E.S.; Wirth, C.; Flannigan, M.D.; Harden, J.W.; Clein, J.S.; Burnside, T.J.; McAllister, J.; Kurz, W.A.; Apps, M.J.; Shvidenko, A. 2007. The role of historical fire disturbance in the carbon dynamics of the pan-boreal region: a process-based analysis. J. Geophys. Res. 112: G02029, doi:10.1029/2006JG000380, 2007. 3

Barr, A.G.; Black, T.A.; Hogg, E.H.; Griffis, T.J.; Morgenstern, K.; Kljun, N.; Theede, A.; Nesic, Z. 2007. Climatic controls on the carbon and water balances of a boreal aspen forest, 1994–2003. Global Change Biol. 13(3):561–576. 4

Bernier, P.Y.; Apps, M.J. 2006. Knowledge gaps and challenges in forest ecosystems under climate change: a look at the temperate and boreal forests of North America. Section 17, pages 333–353 *in* J.S. Bhatti, R. Lal, M.J. Apps, and M.A. Price, eds. Climate change and managed ecosystems. CRC Press, Taylor & Francis, Boca Raton, Fla. 2

Bernier, P.Y.; Lavigne, M.B.; Hogg, E.H.; Trofymow, J.A. 2007. Estimating branch production in trembling aspen, Douglas-fir, jack pine, black spruce, and balsam fir. Can. J. For. Res. 37(6):1024–1033. 2

Canadell, J.G.; Kirschbaum, M.U.F.; Kurz, W.A.; Sanz, M.-J.; Schlamadinger, B.; Yamagata, Y. 2007. Factoring out natural and indirect human effects on terrestrial carbon sources and sinks. Environ. Sci. Policy 10(4):370–384. 5

de Groot, W.J.; Landry, R.; Kurz, W.A.; Anderson, K.R.; Englefield, P.; Fraser, R.H.; Hall, R.J.; Banfield, G.E.; Raymond, D.A.; Decker, V.; Lynham, T.J.; Pritchard, J. 2007. Estimating direct carbon emissions from Canadian wildland fires. Int. J. Wildland Fire 16(5):593–606. 3 4

Flannigan, M.D.; Kochtubajda, B.; Logan, K.A. 2007. Forest fires and climate change in the Northwest Territories. Pages 403–418 *in* M. Woo, ed. Cold region atmospheric and hydrologic studies. The Mackenzie GEWEX experience. Vol.1: Atmospheric dynamics. Springer, New York, N.Y. 407 p. 3

Friedli, H.R.; Radke, L.F.; Payne, N.J.; McRae, D.J.; Lynham, T.J.; Blake, T.W. 2007. Mercury in vegetation and organic soil at an upland boreal forest site in Prince Albert National Park, Saskatchewan, Canada. J. Geophys. Res. 112: G01004, doi: 10.1029/2005JG000061, 2007. 3

Hassan, Q.K.; Bourque, C.P.-A.; Meng, F.-R.; Cox, R.M. 2007. A wetness index using terrain-corrected surface temperature and normalized difference vegetation index derived from standard MODIS products: an evaluation of its use in a humid forest-dominated region of eastern Canada. Sensors 7:2028–2048. 1

Karnosky, D.F.; Skelly, J.M.; Percy, K.E.; Chappelka, A.H. 2007. Perspectives regarding 50 years of research on effects of tropospheric ozone air pollution on US forests. Environ. Pollut. 147(3):489–506. 1

Keane, R.E.; Cary, G.; Davies, I.D.; Flannigan, M.D.; Gardner, R.H.; Lavorel, S.; Lenihan, J.M.; Li, C.; Rupp, T.S. 2007. Understanding global fire dynamics by classifying and comparing spatial models of vegetation and fire dynamics. Pages 139–149 *in* J. Canadell, D. Pataki, and L. Pitelka, eds. Terrestrial ecosystems in a changing world. Cambridge University Press, Cambridge, U.K. 336 p. 3

Kochtubajda, B.; Flannigan, M.D.; Gyakun, J.R.; Stewart, R.E.; Burrows, W.R.; Way, A. 2007. The nature and impacts of thunderstorms in a northern climate. Pages 383–402 *in* M. Woo, ed. Cold region atmospheric and hydrologic studies. The Mackenzie GEWEX experience. Vol.1: Atmospheric dynamics. Springer, New York, N.Y. 470 p. 3

Kurz, W.A.; Stinson, G.; Rampley, G. 2007. Could increased boreal forest ecosystem productivity offset carbon losses from increased disturbances? Philos. Trans. R. Soc. B. Biol. Sci. 363:1–9. 3

Le Goff, H.; Flannigan, M.D.; Bergeron, Y.; Girardin, M.P. 2007. Historical fire regime shifts related to climate teleconnections in the Waswanipi area, central Quebec, Canada. Int. J. Wildland Fire 16(5):607–618. 2 3

McGuire, A.D.; Chapin III, F.S.; Wirth, C.; Apps, M.J.; Bhatti, J.S.; Callaghan, T.; Christensen, T.R.; Clein, J.S.; Fukuda, M.; Maximov, T.; Omuchin, A.; Shvidenko, A.; Vaganov, E. 2007. Responses of high latitude ecosystems to global change: potential consequences for the climate system. Pages 297–310 *in* J.G. Canadell, D.E. Pataki, and L.F. Pitelka, eds. Terrestrial ecosystems in a changing world. Springer, New York, N.Y. 4

McKenney, D.W.; Pedlar, J.H.; Lawrence, K.; Campell, K.; Hutchinson, M.F. 2007. Beyond traditional hardiness zones: using climate envelopes to map plant range limits. BioScience 57(11):929–937. 3

McKenney, D.W.; Pedlar, J.H.; Lawrence, K.; Campell, K.; Hutchinson, M.F. 2007. Potential impacts of climate change on the distribution of North American trees. BioScience 57(11): 939–948. 3

Paoletti, E.; Bytnerowicz, A.; Andersen, C.; Augustaitis, A.; Ferretti, M.; Grulke, N.; Gunthardt-Goerg, M.S.; Innes, J.; Johnson, D.; Karnosky, D.; Luangjame, J.; Matyssek, R.; McNulty, S.; Muller-Starck, G.; Musselman, R.; Percy, K.E. 2007. Impacts of air pollution and climate change on forest ecosystems—emerging research needs. Sci. World J. 7:1–8. 1

Percy, K.E.; Karnosky, D.F. 2007. Air quality in natural areas: interface between the public, science and regulation. Environ. Pollut. 149(3):256–267. 1

Percy, K.E.; Nosal, M.; Heilman, W.; Dann, T.; Sober, J.; Legge, A.H.; Karnosky, D.F. 2006. New exposure-based metric approach for evaluating O_3 risk to North American aspen forests. Environ. Pollut. 147(3):554–566. 1

Shadkami, F.; Helleur, R.J.; Cox, R.M. 2007. Profiling secondary metabolites of needles of ozone-fumigated white pine (*Pinus strobus*) clones by thermally assisted hydrolysis/methylation GC/MS. J. Chem. Ecol. 33(7):1467–1476. 1

Soja, A.J.; Tchebakova, N.M.; French, N.H.; Flannigan, M.D.; Shugart, H.H.; Stocks, B.J.; Sukhinin, A.I.; Parfenova, E.I.; Chapin, T. 2006. Current evidence of climate-induced boreal

forest change. Global. Planet. Change; doi:10.1016/j.gloplacha.2006.07.28 3

Soja, A.J.; Tchebakova, N.M.; French, N.H.F.; Flannigan, M.D.; Shugart, H.H.; Stocks, B.J.; Sukhinin, A.I.; Parfenova, E.I.; Chapin III, F.S.; Stackhouse Jr., P.W. 2007. Climate-induced boreal forest change: predictions versus current observations. Global Planet. Change 56:274–296. 3

Thomson, A.J.; Benton, R.A. 2007. A 90-year sea warming trend explains outbreak patterns of western spruce budworm on Vancouver Island. For. Chron. 83(6):867–869. 5

Tymstra, C.; Flannigan, M.D.; Armitage, O.B.; Logan, K.A. 2007. Impact of climate change on area burned in Alberta's boreal forest. Int. J. Wildland Fire 16(2):153–160. 3

Volney, W.J.A.; Fleming, R.A. 2007. Spruce budworm (*Choristoneura* spp.) biotype reactions to forest and climate characteristics. Global Change Biol. 13(8):1630–1643. 4

Wang, Y.; Zhou, G.; Wang, Y. 2007. Modeling responses of the meadow steppe dominated by *Leymus chinensis* to climate change. Clim. Change 82(3–4):437–452. 4

Wulder, M.A.; Nelson, T.; Derksen, C.; Seeman, D. 2007. Snow cover variability across central Canada (1978–2002) derived from satellite passive microwave data. Clim. Change 82(1–2): 113–130. 5

Forest Diseases

Maladies forestières

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Callan, B.E.; Leal, I.; Foord, B.M.; Dennis, J.J.; van Oosten, C. 2007. *Septoria musiva* isolated from cankered stems in hybrid poplar stool beds, Fraser Valley, British Columbia. Pacific Northwest Fungi 2(7):1–9. 5

Cayer, M.-P.; Veillette, M.; Pageau, P.; Hamelin, R.; Bergeron, M.-J.; Mériaux, A.; Cormier, Y.; Duchaine, C. 2007. Identification of mycobacteria in peat moss processing plants: application of molecular biology approaches. Can. J. Microbiol. 53(1):92–99. 2

Feau, N.; Bergeron, M.-J.; Joly, D.L.; Roussel, F.; Hamelin, R.C. 2007. Detection and validation of EST-derived SNPs for poplar leaf rust *Melampsora medusae* f. sp. *deltoidae*. Mol. Ecol. Notes 7(6):1222–1228. 2

Feau, N.; Hamelin, R.C.; Bernier, L. 2007. Variability of nuclear SSU-rDNA group introns within *Septoria* species: incongruence with host sequence phylogenies. J. Mol. Evol. 64(5):489–499. 2

Feau, N.; Joly, D.L.; Hamelin, R.C. 2007. Poplar leaf rusts: model pathogens for a model tree. Can. J. Bot. 85(12): 1127–1135. 2

Huber, D.P.W.; Philippe, R.N.; Godard, J.; Bohlmann, J.; Sturrock, R.N. 2005. Characterization of four terpene synthase cDNAs from a methyl jasmonate-induced Douglas-fir, *Pseudotsuga menziesii*. Phytochemistry 66(12):1427–1439. 5

Hunt, R.S.; Roke, G.; Jensen, G.D. 2007. Initiation of stem infection in western white pine by blister rust (*Cronartium ribicola*). Can. J. Plant Pathol. 29:18–24. 5

Kaneko, S.; Pham, T.Q.; Hiratsuka, Y. 2007. Notes on some rust fungi in Vietnam. Mycoscience 48:263–265. 4

Leal, I.; Green, M.; Allen, E.A.; Humble, L.M.; Rott, M. 2007. Application of a real-time PCR method for the detection of pine wood nematode, *Bursaphelenchus xylophilus*, in wood samples from lodgepole pine. Nematology 9(3):351–362. 5

Lim, Y.W.; Yeung, Y.C.A.; Sturrock, R.N.; Leal, I.; Breuil, C. 2005. Differentiating the two closely related species, *Phellinus weirii* and *P. sulphurascens*. For. Pathol. 35(4):305–314. 5

Sturrock, R.N.; Islam, M.A.; Ekramoddoullah, A.K.M. 2007. Host-pathogen interactions in Douglas-fir seedlings infected by *Phellinus sulphurascens*. Phytopathol. 97:1406–1414. 5

Sturrock, R.N.; Zeglen, S.; Turner, J. 2006. Laminated root rot stand establishment decision aid. B.C. J. Ecosyst. Manag. 7(3):41–43. 5

Sturrock, R.N.; Zeglen, S.; Turner, J.A. 2006. British Columbia's coastal forests: laminated root rot forest health stand establishment decision aid. B.C. J. Ecosyst. Manag. 7(3):41–43. 5

Forest Ecology and Site Classification

Écologie forestière et classification des sites

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Aakala, T.; Kuuluvainen, T.; De Grandpré, L.; Gauthier, S. 2007. Trees dying standing in the northeastern boreal old-growth forests of Quebec: spatial patterns, rates, and temporal variation. Can. J. For. Res. 37(1):50–61. 2

Bauer, I.E.; Tirlea, D.; Bhatti, J.S.; Errington, R.C. 2007. Environmental and biotic controls on bryophyte productivity along forest to peatland ecotones. Can. J. Bot. 85(5):463–475. 4

Choi, W.-J.; Chang, S.X.; Bhatti, J.S. 2007. Drainage affects tree growth and C and N dynamics in a m[illegible]erotrophic peatland. Ecology 88(2):443–453. 4

Hannam, K.D.; Quideau, S.A.; Kishchuk, B.E. 2007. The microbial communities of aspen and spruce forest floors are resistant to changes in litter inputs and microclimate. Appl. Soil Ecol. 35:637–647. 4

Jerabkova, L.; Prescott, C.E.; Kishchuk, B.E. 2006. Effect of variable-retention harvesting on soil nitrogen availability in boreal mixedwood forests. Can. J. For. Res. 36(11):3029–3038. 4

Jerabkova, L.; Prescott, C.E.; Kishchuk, B.E. 2006. Nitrogen availability in soil and forest floor of contrasting types of boreal mixedwood forests. Can. J. For. Res. 36(1):112–122. 4

Lavoie, M.; Harper, K.; Paré, D.; Bergeron, Y. 2007. Spatial pattern in the organic layer and tree growth: a case study from regenerating *Picea mariana* stands prone to paludification. J. Veg. Sci. 18(2):213–222. 2

Lorenz, K.; Rattan, L.; Preston, C.M.; Nierop, K.G.J. 2007. Strengthening the soil organic carbon pool by increasing contributions from recalcitrant aliphatic bio(macro)molecules. Geoderma 142(1–2):1–10. 5

Marshall, V.G.; Fender, W.M. 2007. Native and introduced earthworms (Oligochaeta) of British Columbia, Canada. Megadrilogica 11(4):29–52. 5

Maynard, D.G.; Curran, M.P. 2007. Bulk density measurement in forest soils. Chapter 66, pages 863–869 *in* M.R. Carter and E.G. Gregorich, eds. Soil sampling and methods of analysis. 2nd ed. CRC Press, Taylor and Francis Group, Boca Raton, Fla. 1264 p. 5

Maynard, D.G.; Kalra, Y.P.; Crumbaugh, J.A. 2007. Nitrate and exchangeable ammonium nitrogen. Chapter 6, pages 71–80 *in* M.R. Carter and E.G. Gregorich, eds. Soil sampling and methods of analysis. 2nd ed. CRC Press, Taylor and Francis Group, Boca Raton, Fla. 1264 p. 5

Preston, C.M.; Schmidt, M.W.I. 2006. Black (pyrogenic) carbon: [illegible]nthesis of current knowledge and uncertainties with special consideration of boreal regions. BioGeoSciences 3(4):397–420. 5

Roberts, B.A.; Simon, N.P.P.; Deering, K.W. 2006. The forests and woodlands of Labrador, Canada: ecology, distribution and future management. Ecol. Res. 21(6):868–880. 1

Sanford, S.E.; Creed, I.F.; Taque, C.L.; Beall, F.D.; Buttle, J.M. 2007. Scale-dependence of natural variability of flow regimes in a forested landscape. Water Resour. Res. 43(8): W08414, doi:10.1029/2006WR005299. 3

Soenen, S.A.; Peddle, D.R.; Hall, R.J.; Coburn, C.A. 2007. Multiple forward mode canopy reflectance model inversion for aboveground forest biomass, Alberta Rocky Mountains. *In* Our common borders—safety, security, and the environment through remote sensing. CRSS (Canadian Remote Sensing Society)/ASPRS (American Society of Photogrammetry and Remote Sensing) Specialty Conference: Proceedings; 28 Oct. 28–1 Nov. 2007, Ottawa, Ont. ASPRS, Bethesda, Md. 4

Spoelstra, J.; Schiff, S.L.; Hazlett, P.W.; Jeffries, D.S.; Semkin, R.G. 2007. The isotopic composition of nitrate produced from nitrification in a hardwood forest floor. Geochim. Cosmochim. Acta 71(15):3757–3771. 3

Starr, M.; Ukonmaanaho, L.; Sibley, P.K.; Hazlett, P.W.; Gordon, A.M. 2007. Deposition in boreal forests in relation to type, size, number and placement of collectors. Environ. Monit. Assess. 125(1–3):123–136. 3

Thormann, M.N.; Rice, A.V.; Beilman, D.W. 2007. Yeasts in peatlands: a review of richness and roles in peat decomposition. Wetlands 27(3):761–773. 4

van Kesteren, R. 2007. Throughfall in balsam fir: some landscape-scale implications in western Newfoundland. For. Chron. 83(2): 180–186. 1

Venier, L.A.; Pearce, J.L. 2007. Boreal forest landbirds in relation to forest composition, structure, and landscape: implications for forest management. Can. J. For. Res. 37(7):1214–1226. 3

Venier, L.A.; Pearce, J.L.; Wintle, B.A.; Bekessy, S.A. 2007. Future forests and indicator-species population models. For. Chron. 83(1):36–40. 3

Zhang, C.F.; Meng, F.-R.; Trofymow, J.A.; Arp, P.A. 2007. Modeling mass and nitrogen remaining in litterbags for Canadian forest and climate conditions. Can. J. Soil Sci. 87(4):413–432. 5

Adaptation de la méthode canadienne d'évaluation des risques d'incendie à l'Asie du Sud-Est. 2006. Brady, M.; Doornbos, J., éd. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta). 14 p. [English: see *Adapting the…*] 4

Adapting the Canadian Fire Danger Rating System to Southeast Asia. 2006. Brady, M.; Doornbos, J., eds. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. 14 p. [Français : voir *Adaptation de la méthode…*] 4

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Abbott, K.; Alexander, M.E.; MacLean, D.A.; Leblon, B.; Beck, J.A.; Staples, G.C. 2007. Predicting forest floor moisture for burned and unburned *Pinus banksiana* forests in the Canadian Northwest Territories. Int. J. Wildland Fire 16(1):71–80. 4

Abbott, K.; Leblon, B.; Staples, G.C.; MacLean, D.A.; Alexander, M.E. 2007. Fire danger monitoring using RADARSAT-1 over northern boreal forests. Int. J. Rem. Sens. 28(6):1317–1338. 4

Alexander, M.E. 2006. Prescribed burn documentation and fire danger ratings: a case study. *In* D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 12 p. 4

Alexander, M.E. 2006. You are about to be entrapped or burned over by a wildfire: what are your survival options? *In* D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 14 p. 4

Alexander, M.E. 2007. A fuels management bibliography with subject index. Fire Manag. Today 67(1):44–48. 4

Alexander, M.E. 2007. How much fuel is in that pile or windrow? Fire Manag. Today 67(3):12–13. 4

Alexander, M.E. 2007. Improving wildland firefighter and public safety through fire behavior research and development. Fire Manag. Today 67(1):49–50. 4

Alexander, M.E. 2007. Simple question; difficult answer: how much fuel is acceptable? Fire Manag. Today 67(3):6–11. 4

Alexander, M.E. 2007. Surviving a wildland fire entrapment or burnover [Focus on Safety]. Can. Silvic. 2007(Aug.):23. 4

Alexander, M.E.; Cruz, M.G. 2006. Evaluating a model for predicting active crown rate of spread using wildfire observations. Can. J. For. Res. 36(11):3015–3028. 4

Alexander, M.E.; Cruz, M.G.; Lopes, A.M.G. 2006. CFIS: a software tool for simulating crown fire initiation and spread. *In* D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 15 p. 4

Alexander, M.E.; Mutch, R.W.; Davis, K.M. 2007. Wildland fires: dangers and survival. Pages 286–335 *in* P.S. Auerbach, ed. Wilderness medicine. 5th ed. Elsevier, Philadelphia, Penn. 4

Anderson, K.R.; Reuter, G.; Flannigan, M.D. 2007. Fire-growth modelling using meteorological data with random and systematic perturbations. Int. J. Wildland Fire 16(2):174–182. 3

Belleau, A.; Bergeron, Y.; Leduc, A.; Gauthier, S.; Fall, A. 2007. Using spatially explicit simulations to explore size distribution and spacing of regenerating areas produced by wildfires: recommendations for designing harvest agglomerations for the Canadian boreal forest. For. Chron. 83(1):72–83. 2

Bergeron, Y.; Drapeau, P.; Gauthier, S.; Lécomte, N. 2007. Using knowledge of natural disturbances to support sustainable forest management in the northern Clay Belt. For. Chron. 83(3):326–337. 2

Beverly, J.; Wotton, B.M. 2007. Modelling the probability of sustained flaming: predictive value of fire weather index components compared with observations of site weather and fuel moisture conditions. Int. J. Wildland Fire 16(2):161–173. 4

Côté, G.; Pothier, D.; Gauthier, S.; Casabon, C. 2006. Typologie adaptée à la forêt boréale irrégulière. Université Laval. Bulletin d'information n° 4, décembre 2006. 2

Cruz, M.G.; Butler, B.W.; Alexander, M.E.; Viegas, D.X. 2006. Development and evaluation of a semi-physical crown fire initiation model. *In* D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 17 p. 4

Cyr, D.; Gauthier, S.; Bergeron, Y. 2007. Scale-dependent determinants of heterogeneity in fire frequency in a coniferous boreal forest of eastern Canada. Landscape Ecol. 22(9):1325–1339. 2

de Groot, W.J. 2006. Modeling Canadian wildland fire carbon emissions with the Boreal Fire Effects (BORFIRE) model. *In*

D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 10 p. 4

de Groot, W.J.; Field, R.D.; Brady, M.; Roswintiarti, O.; Mohamad, M. 2007. Development of the Indonesian and Malaysian Fire Danger Rating Systems. Mitig. Adapt. Strat. Glob. Change 12(1):165–180. 4

de Groot, W.J.; Goldammer, J.G.; Keenan, T.; Brady, M.; Lynham, T.J.; Justice, C.O.; Csiszar, I.A.; O'Loughlin, K. 2006. Developing a global early warning system for wildland fire. *In* D.X. Viegas, ed. Proceedings of the 5th International Conference on Forest Fire Research; 27–30 Nov. 2006, Figueira da Foz, Portugal. Elsevier, Amsterdam, The Netherlands. 12 p. 4

de Groot, W.J.; McRae, D.J.; Ivanova, G.A. 2006. Modeling fire behavior, fuel consumption, and wildland fire carbon emissions in Canadian and Russian boreal forests. *In* Proceedings: 3rd International Fire Ecology and Management Congress; 13–17 Nov. 2006, San Diego, Calif. Washington State University, Pullman, Wash. 3 p. 4

Girardin, M.P. 2007. Interannual to decadal changes in area burned in Canada from 1781 to 1982 and the relationship to Northern Hemisphere land temperatures. Global Ecol. Biogeogr. 16(5):557–566. 2

Greene, D.F.; Macdonald, S.E.; Haeussler, S.; Domenicano, S.; Noël, J.; Jayen, K.; Charron, I.; Gauthier, S.; Hunt, S.; Gielau, E.T.; Bergeron, Y.; Swift, L. 2007. The reduction of organic-layer depth by wildfire in the North American boreal forest and its effect on tree recruitment by seed. Can. J. For. Res. 37(6):1012–1023. 2

Keane, R.E.; Cary, G.J.; Davies, I.D.; Flannigan, M.D.; Gardner, R.H.; Lavorel, S.; Lenihan, J.M.; Li, C.; Rupp, T.S. 2007. Understanding global fire dynamics by classifying and comparing spatial models of vegetation and fire. Pages 139–148 *in* J.G. Canadell, D.E. Pataki, and L.F. Pitelka, eds. Terrestrial ecosystems in a changing world. Springer, New York, N.Y. 336 p. 4

Lavorel, S.; Flannigan, M.; Lambin, E.; Scholes, M. 2007. Vulnerability of land systems to fire: interactions among humans, climate, the atmosphere, and ecosystems. Mitig. Adapt. Strategies Glob. Change 12(1):33–53. 3

Leblon, B.; Garcia, P.A.E.; Oldford, S.; Maclean, D.A.; Flannigan, M. 2007. Using cumulative NOAA-AVHRR spectral indices for estimating fire danger codes in northern boreal forests. Int. J. Appl. Earth Observ. Geoinf. 9(3):335–342. 3

Leduc, A.; Bergeron, Y.; Gauthier, S. 2007. Relationships between prefire composition, fire impact, and postfire legacies in the boreal forest of eastern Canada. Pages 187–193 *in* B.W. Butler and W. Cook, compilers. The fire environment — innovations, management, and policy. Conference Proceedings. 2nd Fire Behavior and Fuels Conference, 26–30 Mar. 2007, Destin, Fla. U.S. Forest Service Rocky Mountain Research Station, Fort Collins, Colo. RMRS-P-46CD. 662 p. CD-ROM. 2

Otway, S.; Bork, E.W.; Anderson, K.R.; Alexander, M.E. 2007. Predicting sustained smouldering combustion in trembling aspen duff in Elk Island National Park, Canada. Int. J. Wildland Fire 16:690–701. 4

Otway, S.; Bork, E.W.; Anderson, K.R.; Alexander, M.E. 2007. Relating changes in duff moisture to the Canadian Forest Fire Weather Index System in *Populus tremuloides* stands in Elk Island National Park. Can. J. For. Res. 37(11):1987–1998. 4

Peddle, D.R.; Hall, R.J.; Jackson, C.D.; Soenen, S.A.; Gibb, M.R.; Juhlin, D.T. 2007. MFM canopy reflectance modeling and normalized burn ratio assessment of pre-fire overstory canopy structure and post-fire burn severity at the Lost Creek fire, Alberta Rocky Mountains. *In* Our common borders — safety, security, and the environment through remote sensing. CRSS (Canadian Remote Sensing Society)/ASPRS (American Society of Photogrammetry and Remote Sensing) Specialty Conference; Proceedings; 28 Oct.–1 Nov. 2007, Ottawa, Ont. ASPRS, Bethesda, Md. 4

Rodriguez-Trejo, D.A.; Castro-Solis, U.B.; Zepeda-Bautista, M.; Carr, R.J. 2007. First year survival of *Pinus hartwegii* following prescribed burns at different intensities and different seasons in central Mexico. Int. J. Wildland Fire 16(1):54–62. 4

Rui, T.-X.; McRae, D.J.; Hui, Z.-Y. 2006. Assessment of forest fire danger rating systems. World For. Res. 19:39–46. 3

Schroeder, D.; Russo, G.; Beck, J.; Hawkes, B.C.; Dalrymple, G.N. 2006. Modelling ignition probability of thinned lodgepole pine stands. Advantage Vol. 7, No.12, 8 p. [Forest Engineering Research Institute of Canada (FERIC), Pointe-Claire, Que., and Vancouver, B.C.] 5

Wotton, M.; Beverly, J.L. 2007. Stand-specific litter moisture content calibrations for the Canadian Fine Fuel Moisture Code. Int. J. Wildland Fire 16(4):463–472. 3 4

Wulder, M.A.; Campbell, C.; White, J.C.; Flannigan, M.D.; Campbell, I.D. 2007. National circumstances in the international circumboreal community. For. Chron. 83(4):539–556. 3

Calculating risk of mountain pine beetle attack: comparison of distance- and density-based estimates of beetle pressure. 2007. Wulder, M.A.; White, J.C.; Dymond, C.C.; Nelson, T.; Boots, B.; Shore, T.L. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-11. 18 p. 5

Cost implications for thermomechanical pulping and brightening of blue-stained chips. 2007. Hu, T.; Johal, S.; Yuen, B.; Williams, T.; Osmond, D.; Watson, P.A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-10. 27 p. 5

Dawson Creek Mountain Pine Beetle Spread Analysis: application of the SELES-MPB Landscape-Scale Mountain Pine Beetle Model in the Dawson Timber Supply Area and Tree Farm Licence 48. 2007. Fall, A.; Shore, T.L.; Riel, W.G. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-18. 22 p. 5

Le Dendroctone du pin ponderosa : C'est une bestiole minuscule, mais… 2007. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta), Alberta Sustainable Resource Development, Edmonton (Alberta), Parcs Canada, et Alberta Forest Products Association, Edmonton (Alberta). Brochure. [English: see *Mountain pine beetle outbreak…*] 4

Dendroctone du pin ponderosa (*Dendroctonus ponderosae*). 2007. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta), Alberta Sustainable Resource Development, Edmonton (Alberta), et Alberta Forest Products Association, Edmonton (Alberta). Affiche. [English: see *Mountain pine beetle…*Poster.] 4

Detecting signs and symptoms of Asian longhorned beetle injury: training guide. 2007. Ric, J.; de Groot, P.; Gasman, B.; Orr, M.; Doyle, J.; Smith, M.T.; Dumouchel, L.; Scarr, T.A.; Turgeon, J.J. NRCan, CFS, Great Lakes Forestry Centre/Canadian Food Inspection Agency, Sault St. Marie, Ont. 118 p. [Français : voir *Détection des signes…*] 3

Détection des signes et des symptômes d'attaque par le longicorne étoilé : Guide de formation. 2007. Turgeon, J.J.; Ric, J.; de Groot, P.; Gasman, B.; Orr, M.; Doyle, J.; Smith, M.T.; Dumouchel, L.; Scarr, T.A. RNCan, SCF, Centre de foresterie des Grands Lacs et Agence canadienne d'inspection des aliments. Sault St. Marie (Ontario). 118 p. [English: see *Detecting signs…*] 3

Environmental effects on host selection and dispersal of mountain pine beetle. 2007. Reid, M. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-07. 14 p. 5

EOSD: monitoring our forests from space—take 2. 2007. Beaudoin, A. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 37. 2 p. [Français : voir *OTDD : nos forêts…*] 2

Evaluation of in-woods chipping options for beetle-killed lodgepole pine wood. 2006. Bicho, P.; Hussein, A.; Yuen, B.; Gee, W.; Johal, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2006-19. 32 p. 5

Evaluation of risk assessment of mountain pine beetle infestations. 2007. Dymond, C.C.; Wulder, M.A.; Shore, T.L.; Nelson, T.; Boots, B.; Riel, W.G. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-13. 12 p. 5

Field sampling for attributes related to the shelf life of mountain pine beetle killed lodgepole pine in the Sub-Boreal Spruce (SBS) Biogeoclimatic Zone. 2007. Thrower, J.; Webb, J.; Harrison, D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-01. 68 p. 5

Guide pour les enquêtes de dépistage de l'agrile du frêne. 2007. Lyons, D.B.; Caister, C.; de Groot, P.; Hamilton, B.; Marchant, K.; Scarr, T.A.; Turgeon, J.J. RNCan, SCF, Centre de foresterie des Grands Lacs et Agence canadienne d'inspection des aliments. Sault St. Marie (Ontario). 58 p. [English: see *Survey guide…*] 3

Heat disinfestation of mountain pine beetle-affected wood. 2007. Uzunovic, A.; Khadempour, L. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-14. 23 p. 5

Integrating silvicultural control of mountain pine beetle with wildlife and sustainable forest management objectives. 2007. Chan-McLeod, A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-05. 34 p. 5

Modeling the effect of landscape pattern on mountain pine beetles. 2007. Hughes, J.; Fall, A.; Safranyik, L.; Lertzman, K.P. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-407. 53 p. 5

Mountain pine beetle (*Dendroctonus ponderosae*). 2007. NRCan, CFS, Northern Forestry Centre, Alberta Sustainable Resource Development, and Alberta Forest Products Association, Edmonton, Alta. Poster. [Français : voir *Dendroctone du pin* (…) Affiche.] 4

Mountain pine beetle outbreak: it's just a tiny bug, but... 2007. NRCan, CFS, Northern Forestry Centre, Alberta Sustainable Resource Development, Parks Canada, and Alberta Forest Products Association, Edmonton, Alta. Pamphlet. [Français : voir *Le Dendroctone (...) C'est une bestiole...*] 4

Optimization of gluing, lay-up and pressing for mountain pine beetle plywood. 2007. Wang, B.; Dai, C.; Wharton, S. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-03. 50 p. 5

OTDD : nos forêts surveillées de l'espace — Prise 2. 2007. Beaudoin, A. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts n° 37. 2 p. [English: see *EOSD: monitoring...*] 2

Spruce beetle and the forests of the southwest Yukon. 2007. Garbutt, R.W.; Hawkes, B.C.; Allen, E.A. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-406. 68 p. 5

Stand-level effects of the mountain pine beetle outbreak in the central British Columbia interior. 2007. Hawkins, C.; Rakochy, P. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-06. 14 p. 5

Survey guide for detection of emerald ash borer. 2007. Lyons, D.B.; Caister, C.; de Groot, P.; Hamilton, B.; Marchant, K.; Scarr, T.A.; Turgeon, J.J. NRCan, CFS, Great Lakes Forestry Centre/Canadian Food Inspection Agency, Sault St. Marie, Ont. 52 p. [Français : voir *Guide pour les enquêtes...*] 3

True-shape and defects data from mountain pine beetle-affected stems. 2007. Brdicko, J. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-04. 30 p. 5

Using conditional spatial randomization to identify insect infestation hot spots. 2007. Nelson, T.; Boots, B. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Mountain Pine Beetle Initiative Work. Pap. 2007-12. 18 p. 5

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Barber, K.N. 2007. *Strongylophthalmyia pengellyi* n.sp., a second species of nearctic Strongylophthalmyiidae (Diptera). J. Entomol. Soc. Ont. 137:81–109. 3

Berthiaume, R.; Bauce, É.; Hébert, C.; Brodeur, J. 2007. Developmental polymorphism in a Newfoundland population of the hemlock looper, *Lambdina fiscellaria* (Lepidoptera: Geometridae). Environ. Entomol. 36(4):707–712. 2

Berthiaume, R.; Hébert, C.; Cloutier, C. 2007. Comparative use of *Mindarus abietinus* (Homoptera: Aphididae) by two coccinellids (Coleoptera: Coccinellidae), the native *Anatis mali* and the exotic *Harmonia axyridis*, in a Christmas tree plantation. Environ. Entomol. 36(2):319–328. 2

Boulton, T.; Otvos, I.S.; Halwas, K.L.; Rohlfs, D.A. 2007. Recovery of nontarget lepidoptera on Vancouver Island, Canada one and four years after a gypsy moth eradication program. Environ. Toxicol. Chem. 26(4):738–748. 5

Brauner, A.M.; de Groot, P. 2007. Response of *Pityophthorus puberulus* (Coleoptera: Curculionidae: Scolytinae) to pheromones and terpenes. Can. Entomol. 139:742–747. 3

Campbell, C.; van Frankenhuyzen, K.; Smith, S.M. 2007. Incubation period, spore egestion and horizontal transmission of *Nosema fumiferanae* (Microsporidia: Nosematidae) in spruce budworm (*Choristoneura* sp., Lepidoptera: Tortricidae): the role of temperature and dose. J. Invertebr. Pathol. 94(3):204–210. 3

Campbell, E.; Alfaro, R.I.; Hawkes, B.C. 2007. Spatial distribution of mountain pine beetle outbreaks in relation to climate and stand characteristics: a dendroecological analysis. J. Integrative Plant Biol. 49(2):168–178. 5

Carroll, A.L. 2007. The mountain pine beetle *Dendroctonus ponderosae* in western North America: potential for area-wide integrated management. Pages 297–307 *in* M.J.B Vreysen, A.S. Robinson, and J. Hendrichs, eds. Area-wide control of insect pests from research to field implementation. Springer, New York, NY. 792 p. 5

Cooke, B.J.; Nealis, V.G.; Régnière, J. 2007. Insect defoliators as periodic disturbances in northern forest ecosystems. Chapter 15 *in* E.A. Johnson and K. Miyanishi, eds. Plant disturbance ecology: the process and the response. Academic Press, Burlington, Mass. 2

de Groot, P.; Nystrom, K.; Scarr, T. 2006. Discovery of *Sirex noctilio* (Hymenoptera : Siricidae) in Ontario, Canada. Gt. Lakes Entomol. 39:49–53. 3

Deng, F.; Wang, R.; Fang, M.; Jiang,Y.; Xu, X.; Wang, H.; Chen, X.; Arif, B.M.; Guo, L.; Wang, H.; Hu, Z. 2007. Proteomics analysis of *Helicoverpa armigera* single nucleocapsid nucleopolyhedrovirus identified two new occlusion-derived virus-associated proteins, HA44 and HA100. J. Virol. 81(17):9377–9385. 2

Doucet, D.; Frisco, C.; Cusson, M.; Bauce, É.; Palli, S.R.; Arif, B.; Tomkins, B.; Retnakaran, A. 2007. Ecdysone agonists and their use in the control of forest pest insects in Canada. Entomol. Res. 37(suppl 1):A56–A56. 3

Doucet, D.; Frisco, C.; Cusson, M.; Bauce, É.; Palli, S.R.; Tomkins, B.; Arif, B.; Retnakaran, A. 2007. Diapause disruption with tebufenozide for early-instar control of the spruce budworm, *Choristoneura fumiferana*. Pest Manag. Sci. 63(8):730–736. 2 3

Doucet, D.; Levasseur, A.; Béliveau, C.; Lapointe, R.; Stoltz, D.; Cusson, M. 2007. *In vitro* integration of an ichnovirus genome segment into the genomic DNA of lepidopteran cells. J. Gen. Virol. 88(1):105–113. ② ③

Duffy, S.P.; Becker, E.M.; Whittome, B.H.; Lucarotti, C.J.; Levin, D.B. 2007. *In vivo* replication kinetics and transcription patterns of the nucleopolyhedrovirus (NeabNPV) of the balsam fir sawfly, *Neodiprion abietis*. J. Gen. Virol. 88(7):1945–1951. ①

Eveleigh, E.S.; Lucarotti, C.J.; McCarthy, P.C.; Morin, B.; Royama, T.; Thomas, A.W. 2007. Occurrence and effects of *Nosema fumiferanae* infections on adult spruce budworm caught above and within the forest canopy. Agric. For. Entomol. 9(4):247–258. ①

Eveleigh, E.S.; McCann, K.S.; McCarthy, P.C.; Pollock, S.J.; Lucarotti, C.J.; Morin, B.; McDougall, G.A.; Strongman, D.B.; Huber, J.T.; Umbanhowar, J.; Faria, L.D.B. 2007. Fluctuations in density of an outbreak species drive diversity cascades in food webs. Proc. Natl. Acad. Sci. 104(43):16976–16981. ①

Grant, G.G.; Guo, J.; MacDonald, L.M.; Coppens, M.D. 2007. Oviposition response of spruce budworm (Lepidoptera: Tortricidae) to host terpenes and green-leaf volatiles. Can. Entomol. 139:564–575. ③

Gray, D.R.; Tanner, J.A.; Logan, J.A.; Munson, A.S. 2007. Using sterile gypsy moth eggs as a survey and experimental tool in the field: a comparison of hatching patterns. Ann. Entomol. Soc. Amer. 100(4):439–443. ①

Hébert, C.; Berthiaume, R.; Bauce, E.; Brodeur, J. 2006. geographic biotype and host-associated local adaptation in a polyphagous species, *Lambdina fiscellaria* (Lepidoptera: Geometridae) feeding on balsam fir on Anticosti Island, Canada. Bull. Entomol. Res. 96:619–627. ②

Hitchman, R.B.; Hodgson, D.J.; King, L.A.; Hails, R.S.; Cory, J.S.; Possee, R.D. 2007. Host mediated selection of pathogen genotypes as a mechanism for the maintenance of baculovirus diversity in the field. J. Invertebr. Pathol. 94(3):153–162. ③

Hodgson, J.J.; Arif, B.M.; Krell, P.J. 2007. Reprogramming the *chiA* expression profile of *Autographa californica* multiple nucleopolyhedrovirus. J. Gen. Virol. 88(9):2479–2487. ③

Jacobs, J.; Spence, J.R.; Langor, D.W. 2007. Influence of boreal forest succession and dead wood qualities on saproxylic beetles. Agric. For. Entomol. 9:3–16. ④

Johns, R.C.; Ostaff, D.P.; Quiring, D.T. 2006. Sampling methods for evaluating yellowheaded spruce sawfly density and defoliation in juvenile black spruce. J. Acadian Entomol. Soc. 2:1–13. ①

Klimaszewski, J.; Assing, V.; Majka, C.G.; Pelletier, G.; Webster, R.P.; Langor, D.W. 2007. Records of adventive aleocharine beetles (Coleoptera: Staphylinidae: Aleocharinae) found in Canada. Can. Entomol. 139(1):54–79. ② ④

Klimaszewski, J.; Langor, D.W.; Savard, K.; Pelletier, G.; Chandler, D.S.; Sweeney, J.D. 2007. Rove beetles (Coleoptera: Staphylinidae) in yellow birch-dominated stands of southeastern Quebec, Canada: diversity, abundance, and description of a new species. Can. Entomol. 139(6):793–833. ② ④

Klimaszewski, J.; Majka, C.G. 2007. *Euvira micmac*, a new species (Coleoptera: Staphylinidae: Aleocharinae), and first record of the genus in Canada. Can. Entomol. 139(2):147–153. ②

Klimaszewski, J.; Majka, C.G. 2007. Two new *Atheta* species (Coleoptera: Staphylinidae: Aleocharinae) from eastern Canada: taxonomy, bionomics, and distribution. Can. Entomol. 139(1): 45–53. ②

Lachance, D.; Hamel, L.-P.; Pelletier, F.; Valéro, J.; Bernier-Cardou, M.; Chapman, K.; van Frankenhuyzen, K.; Séguin, A. 2007. Expression of a *Bacillus thuringiensis cry1Ab* gene in transgenic white spruce and its efficacy against the spruce budworm (*Choristoneura fumiferana*). Tree Genet. Genomes 3(2):153–167. ② ③

Lapointe, R.; Tanaka, K.; Barney, W.E.; Whitfield, J.B.; Banks, J.C.; Béliveau, C.; Stoltz, D.; Webb, B.A.; Cusson, M. 2007. Genomic and morphological features of a banchine polydnavirus: comparison with bracoviruses and ichnoviruses. J. Virol. 81(12):6491–6501. ②

Lihoradova, O.A.; Ogay, I.I.; Abdukarimov, A.A.; Azimova, S.S.; Lynn, D.E.; Slack, J.A.; 2007. The Homingbac baculovirus cloning system: an alternative way to introduce foreign DNA into baculovirus genomes. J. Virol. Methods 140(1–2):59–65. ③

Logan, J.A.; Régnière, J.; Gray, D.R.; Munson, A.S. 2007. Risk assessment in the face of a changing environment: gypsy moth and climate change in Utah. Ecol. Appl. 17(1):101–117. ②

Lu, X.; Zhang, R.; Langor, D.W. 2007. Two new species of *Pissodes* (Coleoptera: Curculionidae) from China, with notes on Palearctic species. Can. Entomol. 139(2):179–188. ④

Lucarotti, C.J.; Morin, B.; Graham, R.I.; Lapointe, R. 2007. Production, application, and field performance of Abietiv™, the balsam fir sawfly nucleopolyhedrovirus. Virol. Sin. 22(2): 163–172. ①

Marcotte, M.; Delisle, J.; McNeil, J.N. 2007. Effects of different male remating intervals on the reproductive success of *Choristoneura rosaceana* males and females. J. Insect Physiol. 53(2):139–145. ②

Mercier, J.; Doucet, D.; Retnakaran, A. 2007. Molecular physiology of crustacean and insect neuropeptides. J. Pestic. Sci. 32(4):345–359. ③

Moreau, G.; Lucarotti, C.J. 2007. A brief review of the past use of baculoviruses for the management of eruptie forest defoliators and recent developments on a sawfly virus in Canada. For. Chron. 83(1):105–112. ①

Palli, S.R.; Cusson, M. 2007. Future insecticides targeting genes involved in the regulation of molting and metamorphosis. Pages 105–134 *in* I. Ishaaya, R. Nauen, and A.R. Horowitz, eds. Insecticides design using advanced technologies. Springer, New York, N.Y. 328 p. ②

Pitt, J.P.W.; Régnière, J.; Worner, S. 2007. Risk assessment of the gypsy moth, *Lymantria dispar* (L.), in New Zealand based on phenology modelling. Int. J. Biometeorol. 51(4):295–305. ②

Régnière, J.; Bentz, B. 2007. Modeling cold tolerance in the mountain pine beetle, *Dendroctonus ponderosae*. J. Insect Physiol. 53(6):559–572. ②

Régnière, J.; Lavigne, D.; Dupont, A.; Carter, N. 2007. Predicting the seasonal development of the yellowheaded spruce sawfly (Hymenoptera: Tenthredinidae) in eastern Canada. Can. Entomol. 139:365–377. ②

Régnière, J.; Nealis, V.G. 2007. Ecological mechanisms of population change during outbreaks of the spruce budworm. Ecol. Entomol. 32(5):461–477. ②

Régnière, J.; St-Amant, R. 2007. Stochastic simulation of daily air temperature and precipitation from monthly normals in North America north of Mexico. Int. J. Biometeorol. 51(5):415–430. ②

Rice, A.V.; Thormann, M.N.; Langor, D.W. 2007. Mountain pine beetle associated blue-stain fungi cause lesions on jack pine, lodgepole pine, and lodgepole × jack pine hybrids in Alberta. Can. J. Bot. 85(3):307–315. ④

Rice, A.V.; Thormann, M.N.; Langor, D.W. 2007. Virulence of, and interactions among, mountain pine beetle associated blue-stain fungi on two pine species and their hybrids in Alberta. Can. J. Bot. 85(3):316–323. ④

Scott, I.M.; Helson, B.V.; Strunz, G.M.; Finlay, H.; Sanchez-Vindas, P.E.; Poveda, L.; Lyons, D.B.; Philogene, B.J.R.; Arnason, J.T. 2007. Efficacy of *Piper nigrum* (Piperaceae) extract for control of insect defoliators of forest and ornamental trees. Can. Entomol. 139:513–522. ③

Sen, S.E.; Cusson, M.; Trobaugh, C.; Béliveau, C.; Richard, T.; Graham, W.; Mimms, A.; Roberts, G. 2007. Purification, properties and heteromeric association of type-1 and type-2 lepidopteran farnesyl diphosphate synthases. Insect Biochem. Mol. Biol. 37(8):819–828. ②

Sen, S.E.; Trobaugh, C.; Béliveau, C.; Richard, T.; Cusson, M. 2007. Cloning, expression and characterization of a dipteran farnesyl diphosphate synthase. Insect Biochem. Mol. Biol. 37(11): 1198–1206. ②

Silk, P.J.; Sweeney, J.; Wu, J.; Price, J.; Gutowski, J.M.; Kettela, E.G. 2007. Evidence for a male-produced pheromone in *Tetropium fuscum* (F.) and *Tetropium cinnamopterum* (Kirby) (Coleoptera: Cerambycidae). Naturwissenschaften 94(8):697–701. ①

Slack, J.; Arif, B.M. 2007. The baculoviruses occlusion-derived virus: virion structure and function. Pages 100–165 *in* K. Maramorosch and A.J. Shatkin, eds. Advances in virus research. Vol. 69. Elsevier, New York, N.Y. 321 p. ③

Stoltz, D.; Lapointe, R.; Makkay, A.; Cusson, M. 2007. Exposure of ichnovirus particles to digitonin leads to enhanced infectivity and induces fusion from without in an *in vitro* model system. J. Gen. Virol. 88(11):2977–2984. ②

Sweeney, J.; de Groot, P.; Humble, L.; MacDonald, L.; Price, J.; Mokrzycki, T.; Gutowski, J. 2007. Detection of wood-boring species in semiochemical-baited traps. Pages 139–144 *in* H. Evans and T. Oszako, eds. Alien invasive species and international trade. Forest Research Institute (Instytut Badawczy Leśnictwa), Warsaw, Poland. ①

Sweeney, J.; Gutowski, J.M.; Price, J.; de Groot, P. 2006. Effect of semiochemical release rate, killing agent, and trap design on detection of *Tetropium fuscum* (F.) and other longhorn beetles (Coleoptera: Cerambycidae). Environ. Entomol. 35(3):645–654. ③

Tanaka, K.; Lapointe, R.; Barney, W.E.; Makkay, A.M.; Stoltz, D.; Cusson, M.; Webb, B.A. 2007. Shared and species-specific features among ichnovirus genomes. Virology 363(1):26–35. ②

Thomas, S.J.; Deschamps, A.; Landry, R.; van der Sanden, J.J.; Hall, R.J. 2007. Mapping insect defoliation using multi-temporal Landsat data. *In* Our common borders—safety, security, and the environment through remote sensing. CRSS (Canadian Remote Sensing Society)/ASPRS (American Society of Photogrammetry and Remote Sensing) Specialty Conference; Proceedings; 28 Oct. 28–1 Nov. 2007, Ottawa, Ont. ASPRS, Bethesda, Md. ④

Thumbi, D.K.; Arif, B.M.; Krell, P.J. 2007. Susceptibility of *Autographa californica* multiple nucleopolyhedrovirus to inhibitors of DNA replication. J. Virol. Methods 146(1–2):209–217. ③

Tran, J.K.; Ylioja, T.; Billings, R.F.; Régnière, J.; Ayres, M.P. 2007. Impact of minimum winter temperatures on the population dynamics of *Dendroctonus frontalis*. Ecol. Appl. 17(3):882–899. ②

Trudel, R.; Lavallée, R.; Guertin, C.; Côté, C.; Todorova, S.I.; Alfaro, R.; Kope, H. 2007. Potential of *Beauveria bassiana* (Hyphomycetes: Moniliales) for controlling the white pine weevil, *Pissodes strobi* (Col.; Curculionidae). J. Appl. Entomol. 131(2): 90–97. ②

van der Sanden, J.J.; Deschamps, A.; Thomas, S.J.; Landry, R.; Hall, R.J. 2006. Using MERIS to assess insect defoliation in Canadian aspen forests. Pages 4149–4152 *in* Proceedings of the 2006 Geoscience and Remote Sensing Symposium/27th Canadian Symposium on Remote Sensing; 31 July 31–4 Aug. 4, 2006, Denver, Colo. Institute of Electrical and Electronics Engineers (IEEE), Piscataway, N.J. 4

van Frankenhuyzen, K.; Ebling, P.; Dedes, J.; Pitt, D. 2007. Effects of diapause duration on postdiapause performance of spruce budworm (Lepidoptera: Tortricidae) during mass rearing on artificial diet. Can. Entomol. 139:834–840. 3

van Frankenhuyzen, K.; Nystrom, C.; Liu, Y. 2007. Vertical transmission of *Nosema fumiferanae* (Microsporidia: Nosematidae) and consequences for distribution, post-diapause emergence and dispersal of second-instar larvae of the spruce budworm, *Choristoneura fumiferana* (Clem.) (Lepidoptera: Tortricidae). J. Invertebr. Pathol. 96(2):173–182. 3

Volney, W.J.A.; Fleming, R.A. 2007. Spruce budworm (*Choristoneura* spp.) biotype reactions to forest and climate characteristics. Global Change Biol. 13(8):1630–1643. 3 4

White, J.C.; Coops, N.C.; Hilker, T.; Wulder, M.A.; Carroll, A.L. 2007. Detecting mountain pine beetle red attack damage with EO-1 Hyperion moisture indices. Int. J. Remote Sens. 28(10): 2111–2121. 5

Williams, D.J.M. 2007. Biology of the spiny ash sawfly, *Eupareophora parca* (Hymenoptera: Tenthredinidae: Blennocampinae), in Edmonton, Alta. Can. Entomol. 139(2):269–277. 4

Wulder, M.A.; White, J.C.; Dymond, C.C.; Nelson, T.; Boots, B.; Shore, T.L. 2006. Calculating the risk of mountain pine beetle attack: a comparison of distance- and density-based estimates of beetle pressure. J. Environ. Informatics 8(2):58–69. 5

Yang, D.-H.; Barari, M.; Arif, B.M.; Krell, P.J. 2007. Development of an oligonucleotide-based DNA microarray for transcriptional analysis of *Choristoneura fumiferana* nucleopolyhedrovirus (CfMNPV) genes. J. Virol. Methods 143(2):175–185. 3

Genetics, Tree Improvement, and Biodiversity

Génétique, amélioration des arbres et biodiversité

Les Champignons endophytes : un potentiel insoupçonné. 2007. Bérubé, J. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts nº 34. 2 p. [English: see *Fungal endophytes…*] 2

CRSB Program at the Canadian Forest Service: a snapshot. Canadian Regulatory System for Biotechnology (CRSB) Forum 22–23 Jan. 2007. [Online only]. 2007. Bonfils, A.-C. NRCan, CFS, HQ, Science and Programs Branch, Ottawa. Poster. [Français : voir *Le Programme SCRB…*]

Fungal endophytes: unsuspected potential. 2007. Bérubé, J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 34. 2 p. [Français : voir *Les champignons endophytes…*] 2

Genetic gains demonstration network: ten years and growing. 2006. Beaulieu, J.; Daoust, G. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 32. 2 p. [Français : voir *Le Réseau de démonstration…*] 2

Proceedings of the Forum on Conservation of Forest Genetic Resources: Challenges, Issues, and Solutions. 2007. Simpson, J.D., compiler. NRCan, CFS, Atlantic Forestry Centre, Fredericton, N.B. Inf. Rep. M-X-220. 1

Le Programme SCRB au Service canadien des forêts : un aperçu. Forum du Système canadien de réglementation de la biotechnologie (SCRB) — 22–23 janvier 2007. [En ligne seulement]. 2007. Bonfils, A.-C. RNCan, SCF, Administration centrale, Direction des sciences et des programmes, Ottawa. Affiche. [English: see *CRSB Program…*]

Le Réseau de démonstration des gains génétiques : 10 ans déjà. 2006. Beaulieu, J.; Daoust, G. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts nº 32. 2 p. [English: see *Genetic gains demonstration…*] 2

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Arsenault, B.; Beardmore, T.; Loo, J.A.; Simpson, J.D.; White, T. 2007. Tree species native to Canada requiring *ex situ* conservation: the issues and challenges. Page 28 *in* J.A. Loo and J.D. Simpson, eds. Proceedings of the 30th Meeting of the Canadian Tree Improvement Association. Part 2, Canada's Forests—

Enhancing Productivity, Protection, and Conservation; 24–27 July 2006, Charlottetown, P.E.I. ①

Beaulieu, J.; Bernier-Cardou, M. 2006. Comparison of early height growth between white spruce seedlings and rooted cuttings. Can. J. For. Res. 36(12):3246–3250. ②

Bilodeau, G.J.; Lévesque, C.A.; de Cock, A.W.A.M.; Duchaine, C.; Brière, S.; Uribe, P.; Martin, F.N.; Hamelin, R.C. 2007. Molecular detection of *Phytophthora ramorum* by real-time polymerase chain reaction using TaqMan, SYBR Green, and molecular beacons. Phytopathology 97(5):632–642. ②

Boucher, J.F.; Bernier, P.Y.; Margolis, H.A.; Munson, A.D. 2007. Growth and physiological response of eastern white pine seedlings to partial cutting and site preparation. For. Ecol. Manag. 240(1–3):151–164. ②

Bourassa, M.; Bernier, L.; Hamelin, R.C. 2007. Genetic diversity in poplar leaf rust (*Melampsora medusae* f. sp. *deltoidae*) in the zones of host sympatry and allopatry. Phytopathology 97(5): 603–610. ②

Hearn, B.J.; Neville, J.T.; Curran, W.J.; Snow, D.P. First record of the southern red-backed vole, *Clethrionomys gapperi*, in Newfoundland: implications for the endangered Newfoundland marten, *Martes americana atrata*. Can. Field-Nat. 120(1):50–56. ①

Jacqmain, H.; Bélanger, L.; Courtois, R.; Beckley, T.; Nadeau, S.; Dussault, C.; Bouthillier, L. 2005. Proposal to combine Cree and scientific knowledge for improved moose habitat management on Waswanipi Eeyou Astchee, Northern Quebec. Alces 41:147–160. ①

Lamarche, J.; Hamelin, R.C. 2007. No evidence of an impact on the rhizosphere diazotroph community by the expression of *Bacillus thuringiensis* Cry1Ab toxin by Bt white spruce. Appl. Environ. Microbiol. 73(20):6577–6583. ②

LeBlanc, P.M.; Hamelin, R.C.; Filion, M. 2007. Alteration of soil rhizosphere communities following genetic transformation of white spruce. Appl. Environ. Microbiol. 73(13):4128–4134. ②

Liu, J.-J.; Ekramoddoullah, A.K.M. 2007. The CC-NBS-LRR subfamily in *Pinus monticola*: targeted identification, gene expression, and genetic linkage with resistance to *Cronartium ribicola*. Phytopathology 97(6):728–736. ⑤

Loo, J.A.; Beardmore, T.L.; Simpson, J.D.; McPhee, D.A. 2007. Tree species of concern in New Brunswick, Canada. I. Current status and threats. For. Chron. 83(3):393–401. ①

Loo, J.A.; Beardmore, T.L.; Simpson, J.D.; McPhee, D.A. 2007. Tree species of concern in New Brunswick, Canada. II. Guidelines for conservation of genetic resources. For. Chron. 83(3): 402–407. ①

Loo, J.A.; Daigle, B.I.; Forbes, K.; McPhee, D.; Pond, S.E.; Simpson, J.D. 2007. Genetic diversity and gene conservation research at the Atlantic Forestry Centre. Pages 21–24 *in* J.D. Simpson, ed. Proceedings of the 30th Meeting of the Canadian Tree Improvement Association. Part 1, Minutes and members' reports; 24–27 July 2006, Charlottetown, P.E.I. ①

MacDonald, J.E.; Owens, J.N. 2006. Morphology, physiology, survival, and field performance of containerized coastal Douglas fir seedlings given different dormancy-induction regimes. HortScience 41(6):1416–1420. ①

Major, J.E.; Barsi, D.C.; Mosseler, A.; Campbell, M. 2007. Genetic variation and control of chloroplast pigment concentrations in *Picea rubens*, *Picea mariana* and their hybrids. I. Ambient and elevated [CO_2] environments. Tree Physiol. 27(3):353–364. ①

Major, J.E.; Barsi, D.C.; Mosseler, A.; Rajora, O.P.; Campbell, M. 2007. Predominant paternal inheritance pattern of light-energy processing adaptive traits in red and black spruce hybrids. Can. J. For. Res. 37(2):293–305. ①

Major, J.E.; Mosseler, A.; Barsi, D.C.; Campbell, M. 2007. Comparative nutrient economy, stable isotopes, and related adaptive traits in *Picea rubens*, *Picea mariana*, and their hybrids. Trees 21(6):677–692. ①

MacQuarrie, C.J.K.; Langor, D.W.; Sperling, F.A.H. 2007. Mitochondrial DNA variation in two invasive birch leaf-mining sawflies in North America. Can. Entomol. 139(4):545–553. ④

Meirmans, P.G.; Lamothe, M.; Périnet, P.; Isabel, N. 2007. Species-specific single nucleotide polymorphism markers for detecting hybridization and introgression in poplar. Can. J. Bot. 85(11):1082–1091. ②

Ramirez, M.; Loo, J.; Krasowski, M. 2007. Evaluation of resistance to the beech scale insect (*Cryptococcus fagisuga*) and propagation of American beech (*Fagus grandifolia*) by grafting. Silvae Genet. 56(3–4):163–169. ①

Simpson, J.D.; Daigle, B.I. 2007. Five years storage of seed from three *Salix* species. Pages 30–38 *in* T.L. Beardmore and J.D. Simpson, eds. Proceedings, IUFRO Tree Seed Symposium, Recent Advances in Seed Physiology and Technology; 18–21 July 2006, Fredericton, N.B. ①

Sokolski, S.; Bernier-Cardou, M.; Piché, Y.; Bérubé, J.A. 2007. Black spruce (*Picea mariana*) foliage hosts numerous and potentially endemic fungal endophytes. Can. J. For. Res. 37(5): 1737–1747. ②

Sotelo Montes, C.; Beaulieu, J.; Hernández, R.E. 2007. Genetic variation in wood mechanical properties of *Calycophyllum spruceanum* at an early age in the Peruvian Amazon. Wood Fiber Sci. 39:578–590. ②

Sotelo Montes, C.; Beaulieu, J.; Hernández, R.E. 2007. Genetic variation in wood shrinkage and its correlations with tree growth and wood density of *Calycophyllum spruceanum* at an early age in the Peruvian Amazon. Can. J. For. Res. 37(5):966–976. ②

Sotelo Montes, C.; Hernández, R.E.; Beaulieu, J. 2007. Radial variation in wood density and correlations with growth of *Calycophyllum spruceanum* at an early age in the Peruvian Amazon. Wood Fiber Sci. 39:377–387. ②

Vigneault, F.; Lachance, D.; Cloutier, M.; Pelletier, G.; Levasseur, C.; Séguin, A. 2007. Members of the plant NIMA-related kinases are involved in organ development and vascularization in poplar, *Arabidopsis* and rice. Plant J. 51(4):575–588. ②

Zhang, H.H.; Langor, D.W.; Ye, H.; Li, Z.; Laffin, R.D. 2007. Genetic divergence among populations of *Pissodes yunnanensis* (Coleoptera: Curculionidae) in southwestern China. Can. Entomol. 139(3):308–318. ④

Growth and Yield, Inventory, and Monitoring

Accroissement, inventaire et biosurveillance

Analyse de la base de données sur les transects du bois mort des placettes d'échantillonnage permanentes du Newfoundland Forest Service. [En ligne seulement]. 2007. Moroni, M.T.; Harris, D.D. RNCan, SCF, Centre de foresterie de l'Atlantique, Corner Brook (Terre-Neuve-et-Labrador). Rapport d'information M-X-221F. [librairie.scf.rncan.gc.ca][English: see *Analysis of the…*] ①

Analysis of the Newfoundland Forest Service permanent sample plot dead wood transect dataset. [Online only]. 2007. Moroni, M.T.; Harris, D.D. NRCan, CFS, Atlantic Forestry Centre, Corner Brook, Nfld. (Lab.). Inf. Rep. M-X-221E. [bookstore.cfs.nrcan.gc.ca] [Français : voir *Analyse de la base de données…*] ①

Assessing the accuracy of mountain pine beetle red attack damage maps generated from satellite remotely sensed data. 2007. White, J.C.; Wulder, M.A.; Grills, D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Tech. Transfer Note 36. [Français : voir *Évaluation de la précision…*] ⑤

Canada's forest inventory 2001. 2006. Power, K.; Gillis, M.D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-408E. 100 p. [Français : voir *Inventaire forestier…*] ⑤

Complex stand structures and associated dynamics: measurement indices and modelling approaches. Popular summaries. 2007. Newton, P.F.; LeMay, V.M.; co-chairs. Ontario Ministry of Natural Resources, Ontario Forest Research Institute, Sault Ste. Marie, Ont. For. Res. Inf. Pap. 167. 117 p. ③

Le Dendroctone du pin : penser stratégie. 2007. Régnière, J. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts n° 38. 2 p. [English: see *Thinking strategically…*] ②

Évaluation de la précision des cartes des dommages au stade rouge causés par le dendroctone du pin ponderosa produites à partir de données télédétectées. 2007. White, J.C.; Wulder, M.A.; Grills, D. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Note de transfert de technologie 36. 4 p. [English: see *Assessing the accuracy of…*] ⑤

Information-need-driven applications of remotely sensed data for mapping mountain pine beetle infestation at landscape and tree levels. 2007. Wulder, M.A.; White, J.C.; Coops, N.C. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-410. 23 p. ⑤

Inventaire forestier du Canada 2001. 2006. [illegible]wer, K.; Gillis, M.D. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Rapport d'information BC-X-408F. [English: see *Canada's forest inventory…*] ⑤

Model-based, volume-to-biomass conversion for forested and vegetated land in Canada. 2007. Boudewyn, P.A.; Son[illegible] X.; Magnussen, S.; Gillis, M.D. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Inf. Rep. BC-X-411. 112 p. ⑤

Monitoring Canada's landcover from space. 2006. NRCan, CFS, Pacific Forestry Centre, Victoria, B.C. Poster. [Français : voir *Le Suivi de la couverture…*] ⑤

Le Suivi de la couverture terrestre du Canada à partir de l'espace. 2006. RNCan, SCF, Centre de foresterie du Pacifique, Victoria (Colombie-Britannique). Affiche. [English: see *Monitoring Canada's landcover…*] ⑤

Thinking strategically to outsmart the mountain pine beetle. 2007. Régnière, J. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 38. 2 p. [Français : voir *Le Dendroctone du pin…*] ②

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Arsenault, E.; Hall, R.J.; Skakun, R.S.; Decker, B.; Downing, D.J. 2007. Integrating geospatial information using geobrowser

technology: a framework for data sharing and visualization of the forest landscape in the Northwest Territories. *In* Proceedings of the 1st International Circumpolar Conference on Geospatial Scientific Applications. — IPY GeoNorth Conference;19–24 Aug. 2007, Yellowknife, N.W.T. NRCan, Earth Sciences Sector, Ottawa, Ont. 8 p. ④

Arsenault, E.; Hall, R.J.; Skakun, R.S.; Hogg, E.H.; Michaelian, M. 2007. Characterizing aspen dieback severity using multidate Landsat data in western Canadian forests. *In* J.D. Greer, ed. New remote sensing technologies for resources managers. Proceedings of the 11th Forest Service Remote Sensing Applications Conference; 24–28 April 2006, Salt Lake City, Utah. American Society for Photogrammetry and Remote Sensing, Bethesda, Md. 6 p. ④

Bernier, P.Y.; Lavigne, M.B.; Hogg, E.H.; Trofymow, J.A. 2007. Estimating branch production in trembling aspen, Douglas-fir, jack pine, black spruce, and balsam fir. Can. J. For. Res. 37(6):1024–1033. ①

Beverly, J.; Wotton, B.M. 2007. Modelling the probability of sustained flaming: predictive value of fire weather index components compared with observations of site weather and fuel moisture conditions. Int. J. Wildland Fire 16(2):161–173. ④

Bourque, C.P.-A.; Neilson, E.T.; Gruenwald, C.; Perrin, S.E.; Hiltz, J.C.; Blin, Y.A.; Horsman, G.V.; Parker, M.S.; Thorburn, C.B.; Corey, M.M.; Meng, F.-R.; Swift, D.E. 2007. Optimizing carbon sequestration in commercial forests by integrating carbon management objectives in wood supply modeling. Mitig. Adapt. Strategies Glob. Change 12(7):1253–1275. ①

Carlson, M.; Kurz, W.A. 2007. Approximating natural landscape pattern using aggregated harvest. Can. J. For. Res. 37(10): 1846–1853. ⑤

Clowater, C.W.; Bourque, C.P.-A.; Meng, F.-R.; Swift, D.E. 2007. Using site and climate variables to explain forest productivity in Nova Scotia. Page 166 *in* Proceedings, Eastern CANUSA Conference; 19–21 Oct. 2006, Quebec, Que. Conference handbook. (Abstract.)

Coops, N.C.; Coggins, S.B.; Kurz, W.A. 2007. Mapping the environmental limitations to growth of coastal Douglas-fir stands on Vancouver Island, British Columbia. Tree Physiol. 27(6):805–815. ⑤

Coops, N.C.; Duro, D.C.; Wulder, M.A.; Han, T. 2007. Estimating afternoon MODIS land surface temperatures (LST) based on morning MODIS overpass, location, and elevation information. Int. J. Remote Sens. 28(10):2391–2396. ⑤

Coops, N.C.; Hilker, T.; Wulder, M.A.; St-Onge, B.; Newnham, G.; Siggins, A.; Trofymow, J.A. 2007. Estimating canopy structure of Douglas-fir forest stands from discrete-return LiDAR. Trees 21(3):295–310. ⑤

Duro, D.C.; Coops, N.C.; Wulder, M.A.; Han, T. 2007. Development of a large area biodiversity monitoring system driven by remote sensing. Prog. Phys. Geogr. 31(3):1–26. ⑤

Fortin, M.; Daigle, G.; Ung, C.H.; Bégin, J.; Archambault, L. 2007. A variance–covariance structure to take into account repeated measurements and heteroscedasticity in growth modeling. Eur. J. For. Res. 126(4):573–585. ②

Groot, A.; Saucier, J.-P. 2007. IVY: an individual-tree growth model for complex-structured stands. Pages 78–79 *in* P.F. Newton and V.M. LeMay, co-chairs. Complex stand structures and associated dynamics: measurement indices and modelling approaches. Popular summaries. Ontario Ministry of Natural Resources, Ontario Forest Research Institute, Sault Ste. Marie, Ont. For. Res. Inf. Pap. No. 167. 117 p. ③

Hall, R.J.; Sánchez-Azofeifa, G.A. 2006. Remote sensing for forestry (Editorial). For. Chron. 82(2):119–120. [Français : voir Hall, R.J. (…) *La Télédétection…*] ④

Hall, R.J.; Sánchez-Azofeifa, G.A. 2006. La Télédétection appliquée à la foresterie (Éditorial). For. Chron. 82(2):120–121. [English : see Hall, R.J.…*Remote sensing…*] ④

Hall, R.J.; Skakun, R.S. 2007. Mapping forest inventory attributes across coniferous, deciduous and mixedwood stand types in the Northwest Territories from high spatial resolution Quickbird satellite imagery. *In* Our common borders — safety, security, and the environment through remote sensing. CRSS (Canadian Remote Sensing Society)/ASPRS (American Society of Photogrammetry and Remote Sensing) Specialty Conference; Proceedings; 28 Oct. 28–1 Nov. 2007, Ottawa, Ont. ASPRS, Bethesda, Md. ④

Hall, R.J.; Skakun, R.S.; Arsenault, E.; Thomas, S.J. 2006. Monitoring annual aspen defoliation patterns by detecting changes in leaf area from multitemporal Landsat TM Imagery. Pages 4146–4148 *in* Proceedings of the 2006 Geoscience and Remote Sensing Symposium/27th Canadian Symposium on Remote Sensing; 31 July 31–4 Aug. 4, 2006, Denver, Colo. Institute of Electrical and Electronics Engineers (IEEE), Piscataway, N.J. ④

Han, T.; Wulder, M.A.; White, J.C.; Coops, N.C.; Alvarez, M.F.; Butson, C. 2007. An efficient protocol to process Landsat images for change detection with Tasselled Cap Transformation. IEEE [Inst. Electr. Electron. Eng.] Geosci. Remote Sens. Lett. 4(1): 147–151. ⑤

Hilker, T.; Coops, N.C.; Nesic, Z.; Wulder, M.A.; Black, A.T. 2007. Instrumentation and approach for unattended year round tower based measurements of spectral reflectance. Comput. Electron. Agric. 56(1):72–84. ⑤

Joss, B.N.; Hall, R.J.; Sidders, D.M.; Keddy, T.J. 2007. Fuzzy-logic modeling of land suitability for hybrid poplar across the

Prairie Provinces of Canada. Environ. Monitor. Assess (In Press); doi:10.1007/s10661-007-9880-2. 4

Lavigne, M.B.; Krasowski, M.J. 2007. Estimating coarse root biomass of balsam fir. Can. J. For. Res. 37(6):991–998. 1

Leal, I.; Green, M.; Allen, E.A.; Humble, L.M.; Rott, M. 2005. An effective PCR-based diagnostic method for the detection of *Bursaphelenchus xylophilus* (Nematoda: Aphelenchoididae) in wood samples from lodgepole pine. Nematology 7(6):833–842. 5

Leboeuf, A.; Beaudoin, A.; Fournier, R.A.; Guindon, L.; Luther, J.E.; Lambert, M.C. 2007. A shadow fraction method for mapping biomass of northern boreal black spruce forests using QuickBird imagery. Remote Sens. Environ. 110(4):488–500. 2

Magnussen, S. 2007. A method for estimation of a land-cover change matrix from error-prone unit-level observations. Can. J. For. Res. 37(8):1505–1517. 5

Magnussen, S.; Naesset, E.; Wulder, M.A. 2007. Efficient multi-resolution spatial predictions for large data arrays. Remote Sens. Environ. 109(4):451–463. 5

Magnussen, S.; Pelissier, R.; He, F.; Ramesh, B.R. 2006. An assessment of sample-based estimators of tree species richness in two wet tropical forest compartments in Panama and India. Int. For. Rev. 8(4):417–431. 5

Magnussen, S.; Reeves, R.M. 2007. Sample-based Maximum Likelihood Estimation of the Autologistic Model. J. Appl. Stat. 34(5):547–561. 5

Magnussen, S.; Smith, B.; Uribe, A.S. 2007. National forest inventories in North America for monitoring forest tree species diversity. Plant Biosyst. 141(1):113–122. 5

Newton, P.F. 2007. Spatial scale of intraspecific interference within commercially thinned jack pine stands and consequences for growth response modelling. Pages 96–97 *in* P.F. Newton and V.M. LeMay, co-chairs. Complex stand structures and associated dynamics: measurement indices and modelling approaches. Popular summaries. Ontario Ministry of Natural Resources, Ontario Forest Research Institute, Sault Ste. Marie, Ont. For. Res. Inf. Pap. N 167. 117 p. 3

Newton, P.F.; Amponsah, I.G. 2007. Comparative evaluation of five height–diameter models developed for black spruce and jack pine stand-types in terms of goodness-of-fit, lack-of-fit and predictive ability. For. Ecol. Manag. 247(1–3):149–166. 3

Swift, D.E.; Penner, M.; Gagnon, R.; Knox, J. 2007. A stand density management diagram for spruce–balsam fir mixtures in New Brunswick. For. Chron. 83(2):187–197. 1

Thomson, A.J. 2007. How should we manage knowledge ecosystems? Using adaptive knowledge management! Chapter 27, pages 461–479 *in* A.J. Thomson, M. Shannon, M. Köhl, D. Ray, and K. Rennolls, eds. Sustainable forestry: from monitoring and modelling to knowledge management and policy science. CABI, Wallingford, U.K. 576 p. 5

Thomson, A.J.; Rauscher, H.M.; Schmoldt, D.L.; Vacik, H. 2007. Information and knowledge management for sustainable forestry. Chapter 22, pages 374–392 *in* A.J. Thomson, M. Shannon, M. Köhl, D. Ray, and K. Rennolls, eds. Sustainable forestry: from monitoring and modelling to knowledge management and policy science. CABI, Wallingford, U.K. 576 p. 5

Thomson, A.J.; Shannon, M.; Köhl, M.; Ray, D.; Rennolls, K. 2007. Overview. Pages xv–xxiv *in* A.J. Thomson, M. Shannon, M. Köhl, D. Ray, and K. Rennolls, eds. Sustainable forestry: from monitoring and modelling to knowledge management and policy science. CABI, Wallingford, U.K. 5

Wulder, M.A.; Han, T.; White, J.C.; Butson, C.; Hall, R.J. 2007. An approach for edge matching large-area satellite image classifications. Can. J. Remote Sens. 33(4):266–277. 5

Wulder, M.A.; Nelson, T.; Seemann, D. 2007. Using spatial pattern to quantify relationship between samples, surroundings, and populations. Environ. Monit. Assess. 131(1–3):221- 230. 5

Wulder, M.A.; White, J.C.; Magnussen, S.; McDonald, S. 2007. Validation of a large area land cover product using purpose-acquired airborne video. Remote Sens. Environ. 106(4):480–491. 5

Xing, Z.; Bourque, C.P.-A.; Meng, F.; Zha, T.; Cox, R.M.; Swift, D.E. 2007. A simple net ecosystem productivity model for gap filling of tower-based fluxes: an extension of Landsberg's equation with modifications to the light interception term. Ecol. Model. 206(3–4):250–262. 1

Impacts of Forestry Practices

Overview of commercial thinning in black spruce forest: 40 years later. 2006. Lussier, J.-M. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 31. 2 p. [Français : voir *Regard sur l'éclaircie…*] 2

Incidences des pratiques forestières

Regard sur l'éclaircie commerciale en pessière noire : 40 ans plus tard. 2006. Lussier, J.-M. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts n° 31. 2 p. [English: see *Overview of commercial…*] 2

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Bell, F.W.; Pitt, D.G. 2007. Seasonal susceptibility of boreal plants: red raspberry phenology as a bioindicator of optimum within-season timing of glyphosate applications. For. Chron. 83(5):733–741. ③

Cobb, T.P.; Langor, D.W.; Spence, J.R. 2007. Biodiversity and multiple disturbances: boreal forest ground beetle (Coleoptera: Carabidae) responses to wildfire, harvesting, and herbicide. Can. J. For. Res. 37(8):1310–1323. ④

Hazlett, P.W.; Gordon, A.M.; Voroney, R.P.; Sibley, P.K. 2007. Impact of harvesting and logging slash on nitrogen and carbon dynamics in soils from upland spruce forests in northeastern Ontario. Soil Biol. Biochem. 39(1):43–57. ③

Holmes, S.B.; Pitt, D.G. 2007. Response of bird communities to selection harvesting in a northern tolerant hardwood forest. For. Ecol. Manag. 238(1–3):280–292. ③

Holmes, S.B.; Venier, L.A.; Naylor, B.J.; Zimmerling, J.R. 2007. A test of Ontario's Habitat Suitability Matrix as a forest management planning tool for forest birds. For. Chron. 83(4):570–579. ③

Jacobs, J.; Spence, J.R.; Langor, D.W. 2007. Variable retention harvest of white spruce stands and saproxylic beetle assemblages. Can. J. For. Res. 37(9):1631–1642. ④

Jerabkova, L.; Prescott, C.E.; Kishchuk, B.E. 2006. Effect of variable-retention harvesting on soil nitrogen availability in boreal mixedwood forests. Can. J. For. Res. 36(11):3029–3038. ④

Kreutzweiser, D.; Good, K.; Chartrand, D.; Scarr, T.; Thompson, D. 2007. Non-target effects on aquatic decomposer organisms of imidacloprid as a systemic insecticide to control emerald ash borer in riparian trees. Ecotoxicol. Environ. Saf. 68(3):315–325. ③

Kreutzweiser, D.P.; Nicholson, C.L. 2007. A simple empirical model to predict forest insecticide ground-level deposition from a compendium of field data. J. Environ. Sci. Health B42:107–113. ③

Moroni, M.T. 2006. Disturbance history affects dead wood abundance in Newfoundland boreal forests. Can. J. For. Res. 36(12):3194–3208. ①

Moroni, M.T.; Carter, P.Q.; Strickland, D.W.; Makeschin, F.; Parkinson, D.-R.; Kahnt, L. 2007. Effect of forest harvesting and slash piling on microbial biomass and respiration in Newfoundland boreal forests. Can. J. Soil Sci. 87(4):455–458. ①

Pohl, G.R.; Langor, D.W.; Spence, J.R. 2007. Rove beetles and ground beetles (Coleoptera:Staphylinidae, Carabidae) as indicators of harvest and regeneration practices in western Canadian foothills forests. Biol. Conserv. 137(2):294–307. ④

Thiffault, E.; Bélanger, N.; Paré, D.; Munson, A.D. 2007. How do forest harvesting methods compare with wildfire? A case study of soil chemistry and tree nutrition in the boreal forest. Can. J. For. Res. 37(9):1658–1668. ②

International Trade and Policy

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Peter, B.; Wang, S.; Stennes, B.; Wilson, W.R. 2006. A comparative analysis of some trends in Canadian and US forest policy.

Commerce international et politiques

Pages 291–302 *in* K. Froschauer, N. Fabbi, and S. Pell, eds. Convergence and divergence in North America: Canada and the United States. Centre for Canadian Studies, Simon Fraser University, Burnaby, B.C. 751 p. ⑤

National Strategy and Coordination

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Wulder, M.A.; Campbell, C.; White, J.C.; Flannigan, M.D.; Campbell, I.D. 2007. National circumstances in the international circumboreal community. For. Chron. 83(4): 539–556. ⑤

Stratégie nationale et coordination

Silviculture

Anatomie d'un élagage réussi. 2007. Rioux, D. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts n° 36. 2 p. [English: see *Anatomy of a successful pruning*.] ②

Anatomy of a successful pruning. 2007. Rioux, D. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 36. 2 p. [Français : voir *Anatomie d'un élagage réussi*.] ②

Does pruning softwoods pay off? 2007. Lussier, J.-M. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Branching out from the Canadian Forest Service No. 35. 2 p. [Français : voir *Élaguer les résineux…*] ②

Élaguer les résineux : un investissement rentable? 2007. Lussier, J.-M. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). L'éclaircie du Service canadien des forêts n° 35. 2 p. [English: see *Does pruning softwoods…*] ②

A silvicultural assessment of 10 lodgepole pine stands after partial cutting to reduce susceptibility to mountain pine beetle. 2007. Whitehead, R.J.; Russo, G.; Hawkes, B.C.; Armitage, O.B. NRCan, CFS, Canadian Wood Fibre Centre, Victoria, B.C. 48 p. ⑤

Sylviculture

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Mitchell, A.K.; Koppenaal, R.S.; Goodmanson, G.; Benton, R.A.; Bown, T.A. 2007. Regenerating montane conifers with variable retention systems in a coastal British Columbia forest: 10-year results. For. Ecol. Manag. 246(2–3):240–250. ⑤

Pedlar, J.H.; Fraleigh, S.; McKenney, D.W. 2007. Revisiting the work of Fred von Althen—an update on the growth and yield of a mixed hardwood plantation in southern Ontario. For. Chron. 83(2):175–179. ③

Reynolds, P.E.; Simpson, J.A.; Thevathasan, N.V.; Gordon, A.M. 2007. Effects of tree competition on corn and soybean photosynthesis, growth, and yield in a temperate tree-based agroforestry intercropping system in southern Ontario, Canada. Ecol. Eng. 29(4):362–371. ③

Salonius, P.O. 2007. Silvicultural discipline to maintain Acadian forest resilience. North. J. Appl. For. 24(2):91–97. ①

Yemshanov, D.; McKenney, D. 2008. Fast-growing poplar plantations as a bioenergy supply source for Canada. Biomass Bioenergy 32(3): 185–197. ③

Socioeconomics and Statistics

Abrégé de statistiques forestières canadiennes, 2007. [En ligne seulement]. Mise à jour annuelle. Données complètes pour 2005 et données partielles pour 2006. Conseil canadien des ministres des forêts, Ottawa. [http://pndf.ccmf.org] [English: see *Compendium of Canadian…*] ⑥

Annual economic review and outlook for the Canadian forest sector: 2007–2008. [Online only]. 2007. NRCan, CFS, HQ, Policy, Economics, and Industry Branch, Ottawa. 20 p. [Français : voir *Examen annuel…*] ⑥

Bioproducts from Canada's forests: new partnerships in the bioeconomy. 2006. Wetzel, S.; Duchesne, L.C.; Laporte, M.F. Springer, Dordrecht, The Netherlands, 257 p. (US$139.00; available from the publisher; see page XX.)

Compendium of Canadian Forestry Statistics, 2007. [Online only]. Annual update. Complete data for 2005 and partial data for 2006. Canadian Council of Forest Ministers, Ottawa. [http://nfdp.ccfm.org] [Français : voir *Abrégé de statistiques…*] ⑥

Socioéconomie et statistique

Examen annuel et perspectives économiques de l'industrie forestière canadienne: 2007–2008. [En ligne seulement]. 2007. RNCan, SCF, Administration centrale, Direction de la politique, de l'économie et de l'industrie, Ottawa. 20 p. [English : see *Annual economic review…*] ⑥

A framework for assessing vulnerability of forest-based communities to climate change. [Online only]. 2007. Williamson, T.B.; Price, D.T.; Beverly, J.; Bothwell, P.M.; Parkins, J.R.; Patriquin, M.N.; Pearce, C.; Stedman, R.C.; Volney, W.J.A. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-414. 50 p. [bookstore.cfs.nrcan.gc.ca] ④

Public perceptions of conservation of grizzly bears in the Foothills Model Forest: a survey of local and Edmonton residents. [Online only]. 2007. McFarlane, B.L.; Watson, D.O.; Stumpf-Allen, R.C.G. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta. Inf. Rep. NOR-X-413. 55 p. [bookstore.cfs.nrcan.gc.ca] ④

Socioeconomic transition in the Foothills Model Forest from 1996 to 2001. [Online only]. 2007. Patriquin, M.N.; Lantz, V.; Furtas, R.; Ambard, M.; White, W.A. NRCan, CFS, Northern Forestry Centre, Edmonton, Alta., and Foothills Model Forest, Hinton, Alta. Inf. Rep. NOR-X-410. 53 p. [bookstore.cfs.nrcan.gc.ca] ④

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Berch, S.M.; Ka, K-H; Park, H.; Winder, R.S. 2007. Development and potential of the cultivated and wild-harvested mushroom industries in the Republic of Korea and British Columbia. B.C. J. Ecosyst. Manag. 8(3):53–75. ⑤

DesRoches, C.T. 2007. Policy advice for public participation in British Columbia forest management. For. Chron. 83(5):672–681. ⑤

Hunt, L.M.; McFarlane, B.L. 2007. Understanding self-evaluations of effectiveness by forestry advisory committee members: a case of Ontario's Local Citizens Committee members. J. Environ. Manag. 83:105–114. ④

Johnston, M.; Williamson, T.B. 2007. A framework for assessing climate change vulnerability of the Canadian forest sector. For. Chron. 83(3):358–361. ④

Parkins, J.R.; MacKendrick, N.A. 2007. Assessing community vulnerability: a study of the mountain pine beetle outbreak in British Columbia, Canada. Global Environ. Change 17:460–471. ④

Patriquin, M.N.; Parkins, J.R.; Stedman, R.C. 2007. Socioeconomic status of boreal communities in Canada. Forestry 80(3):279–291. ④

Patriquin, M.N.; Wellstead, A.M.; White, W.A. 2007. Beetles, trees and people: regional economic impact sensitivity and policy considerations related to the mountain pine beetle infestation in British Columbia, Canada. For. Policy Econ. 9(8):938–946. ④

Peter, B. 2007. Markets for western Canada's forest products in east Asia. Am. Rev. Can. Stud. 37(2):184–206. ⑤

Stedman, R.C.; White, W.A.; Patriquin, M.N.; Watson, D.O. 2007. Measuring community forest-sector dependence: does method matter? Soc. Nat. Resour. 20(7):629–646. ④

Wang, S.; DesRoches, C.T.; Sun, L.; Stennes, B.; Wilson, B.A.; Van Kooten, G.C. 2007. Linking forests and economic well-being: a four-quadrant approach. Can. J. For. Res. 37(10): 1821–1831. ⑤

Wang, S.; Wilson, W.R. 2007. Pluralism in the economics of sustainable forest management. For. Policy Econ. 9(7): 743–750. ⑤

Wellstead, A.M. 2007. The (post) staples economy and the (post) staples state in historical perspective. Can. Polit. Sci. Rev. 1(1):8–25. ④

Wellstead, A.M.; Stedman, R.C. 2007. Coordinating future adaptation policies across Canadian natural resources. Clim. Policy 7(1):29–45. ④

Yemshanov, D.; McKenney, D.; Fraleigh, S; D'Eon, S. 2007. An integrated spatial assessment of the investment potential of three species in southern Ontario, Canada inclusive of carbon benefits. For. Policy Econ. 10(1–2):48–59 ③

Sustainable Forest Management

Améliorer votre boisé — Travailler avec la nature. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 11. 2 p. [English : see *Improving your woodlot…*] ⑥

Avez-vous cherché du côté des produits forestiers non ligneux? 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 7. 2 p. [English : see *Have you tried…*] ⑥

Best management practices—A recipe for success on your woodlot. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 9. 2 p. [Français : voir *Saines pratiques de gestion…*] ⑥

Aménagement durable des forêts

Bioproduits forestiers : Vers une bioéconomie forestière diversifiée au Canada. 2007. RNCan, SCF, Administration centrale, Ottawa. 2 p. [English : see *Forest bioproducts…*] ⑥

Le Boisé aménagé et l'impôt — Gardons-le en famille! 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 6. 2 p. [English : see *Taxation and…*] ⑥

Boisés et diversité biologique. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 12. 2 p. [English : see *Woodlots and biological…*] ⑥

La Certification en aménagement forestier pour les propriétaires de boisés : Qu'est-ce que c'est? 2007. RNCan,

SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 4. 2 p. [English : see *Forest management…*]

Critères et indicateurs de l'aménagement forestier durable au Canada : Principaux résultats et tendances 2005. 2007. Conseil canadien des ministres des forêts, Ottawa. 12 p. [English : see *Criteria and Indicators…*]

Criteria and Indicators of Sustainable Forest Management in Canada: key trends and conditions 2005. 2007. Canadian Council of Forest Ministers, Ottawa. 12 p. [Français : voir *Critères et indicateurs…*]

Développement juvénile de 25 familles de pin blanc (*Pinus strobus* L.) issues de pollinisation libre en plantations mélangées avec l'aulne rugueux (*Alnus incana*). [En ligne seulement]. 2007. Larocque, G.R.; Beaulieu, J.; Daoust, G.; Ung, C.-H. RNCan, SCF, Centre de foresterie des Laurentides, Québec (Québec). Rapport d'information LAU-X-129F. [librairie.scf.rncan.gc.ca] [English: see *Juvenile development…*]

Forest bioproducts: toward a diversified Canadian forest bioeconomy. 2007. NRCan, CFS, HQ, Ottawa. 2 p. [Français : voir *Bioproduits forestiers…*]

Forest management certification for woodlot owners: what is it all about? 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 4. 2 p. [Français : voir *La Certification…*]

Une Forêt fonctionnelle — pourquoi pas dans votre boisé? 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 14. 2 p. [English : see *Working forest…*]

Got questions about your woodlot? 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 10. 2 p. [Français : voir *Vous avez des questions…*]

Have you tried exploring non-timber forest products? 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 7. 2 p. [Français : voir *Avez-vous cherché…*]

Improving your woodlot—working with mother nature. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 11. 2 p. [Français : voir *Améliorer votre boisé…*]

Initiative stratégique sur les boisés privés. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 1. 2 p. [English : see *Introducing Canada's…*]

Internet — Une mine de renseignements sur l'aménagement des boisés. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 8. 2 p. [English : see *World Wide Web…*]

Introducing Canada's family owned forests. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 1. 2 p. [Français : voir *Initiative stratégique…*]

Juvenile development of 25 open-pollinated families of eastern white pine (*Pinus strobus* L.) interplanted with grey alder (*Alnus incana*). [Online only]. 2007. Larocque, G.R.; Beaulieu, J.; Daoust, G.; Ung, C.-H. NRCan, CFS, Laurentian Forestry Centre, Québec, Que. Inf. Rep. LAU-X-129. [bookstore.cfs.nrcan.gc.ca] [Français : voir *Développement juvénile…*]

Saines pratiques de gestion — Une recette de succès pour votre boisé. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 9. 2 p. [English : see *Best management practices…*]

Servitudes de conservation des boisés exploités. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 3. 2 p. [English : see *Working woodlot…*]

Species at risk and your woodlot. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 5. 2 p. [Français : voir *Votre boisé…*]

Taxation and the managed woodlot—keeping it in the family. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 6. 2 p. [Français : voir *Le Boisé aménagé…*]

La Valeur d'un plan d'aménagement forestier. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 2. 2 p. [English : see *The value of…*]

The value of a woodlot management plan. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 2. 2 p. [Français : voir *La Valeur d'un plan…*]

Votre boisé et les espèces menacées. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 5. 2 p. [English : see *Species at risk…*]

Votre lot boisé — un entrepôt de produits. 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 13. 2 p. [English : see *Your woodlot…*] ⑥

Vous avez des questions au sujet de votre boisé? 2007. RNCan, SCF, Administration centrale, Secrétariat du Réseau canadien de forêts modèles, Ottawa. Initiative stratégique sur les boisés privés. N° 10. 2 p. [English : see *Got questions…*] ⑥

Woodlots and biological diversity. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 12. 2 p. [Français : voir *Boisés et diversité…*] ⑥

Working forest — why not on your woodlot? 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 14. 2 p. [Français : voir *Une forêt fonctionnelle…*] ⑥

Working woodlot conservation easements. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 3. 2 p. [Français : voir *Servitudes de conservation…*] ⑥

World Wide Web — a wealth of woodlot management resources. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 8. 2 p. [Français : voir *Internet…*] ⑥

Your woodlot — a warehouse of products. 2007. NRCan, CFS, HQ, Canadian Model Forest Network, Ottawa. Private Woodlot Strategic Initiative No. 13. 2 p. [Français : voir *Votre lot boisé…*] ⑥

Journal Articles and Other Contributions / Articles de revues scientifiques et autres collaborations

Curran, M.; Green, P.; Maynard, D.G. 2007. Volcanic ash soils: sustainable soil management practices, with examples of harvest effects and root disease trends. Pages 97–119 *in* D.S. Page-Dumroese, R. Miller, J. Mital, P. McDaniel, and D. Miller, tech. eds. Volcanic-ash-derived forest soils of the inland Northwest: properties and implications for management and restoration. Proceedings; 9–10 Nov. 2005, Cœur d'Alene, Idaho. US Forest Service Rocky Mountain Research Station, Fort Collins, Colo. RMRS-P-44. 220 p. ⑤

Kuhnke, D.H. 2007. The influence of forested landscape attributes on hunter site choice and participation. For. Chron. 83(4): 490–501. ④

Lavoie, M.; Paré, D.; Bergeron, Y. 2007. Quality of growth substrates of post-disturbed lowland black spruce sites for black spruce (*Picea mariana*) seedling growth. New For. 33(2):207–216. ②

Lavoie, M.; Paré, D.; Bergeron, Y. 2007. Relationships between microsite type and the growth and nutrition of young black spruce on post-disturbed lowland black spruce sites in eastern Canada. Can. J. For. Res. 37(1):62–73. ②

NCan, SCF. 2007. Model Forest News [various articles]. For. Chron. 83(6):798–800. ⑥

Simard, M.; Lecomte, N.; Bergeron, Y.; Bernier, P.Y.; Paré, D. 2007. Forest productivity decline caused by successional paludification of boreal soils. Ecol. Appl. 17(6):1619–1637. ②

Thiffault, E.; Bélanger, N.; Paré, D.; Hendershot, W.H.; Munson, A. 2007. Investigating the soil acid-base status in managed boreal forests using the SAFE model. Ecol. Model. 206(3–4):301–321. ②

Thompson, I.D.; Maher, S.C.; Rouillard, D.P.; Fryxell, H.M.; Baker, J.A. 2007. Accuracy of forest inventory mapping: some implications for boreal forest management. For. Ecol. Manag. 252(1–3):208–221. ③

Thomson, A.J.; Callan, B.E.; Dennis, J.J. 2007. A knowledge ecosystem perspective on development of web-based technologies in support of sustainable forestry. Comput. Electron. Agric. 59(1–2):21–30. ⑤

Miscellaneous

Comprendre les services du savoir à Ressources naturelles Canada. [En ligne seulement]. 2007. Simard, A.J.; Broome, J.; Drury, M.; Haddon, B.D.; O'Neil, R.; Pasho, D. Ressources naturelles Canada, Administration centrale, Bureau du Scientifique principal, Ottawa. 88 p. [English : see *Understanding knowledge services…*]

Understanding knowledge services at Natural Resources Canada. [Online only]. 2007. Simard, A.J.; Broome, J.; Drury, M.; Haddon, B.D.; O'Neil, R.; Pasho, D. NRCan, HQ, Office of the Chief Scientist, Ottawa. 80 p. [Français : voir *Comprendre les services du savoir…*]

Divers

Journal Articles and Other Contributions / Articles de revues scientifiques et autres contributions

Yan, S.; Mohammedi, S.; Tyagi, R.D.; Surampalli, R.Y.; Valéro, J.R. 2007. Growth of four serovar[s] of *Bacillus thuringiensis* (var. *kurstaki*, *israelensis*, *tenebrionis*, and *aizawai*) in wastewater sludge. Pract. Period. Hazard. Toxic Radioact. Waste Manag. 11(2)123–129. ②

Priced Publications | Publications tarifées

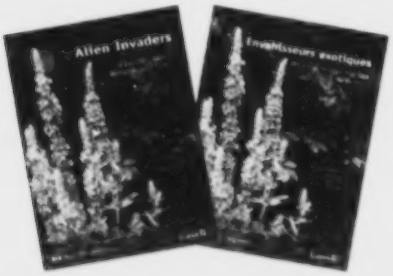
Canadian Government Publishing / Les Éditions du gouvernement du Canada

These publications are available through associated bookstores and other booksellers or by mail from:

Canadian Government Publishing
Ottawa, Ontario K1A 0S9
Tel.: 613-941-5995; Canada & US 1-800-635-7943
Fax: 613-954-5779; Canada & US 1-800-565-7757
Internet: publications.gc.ca
E-mail: publications@pwgsc.gc.ca

Les publications suivantes sont en vente par l'entremise des librairies associées et autres librairies, ou par la poste auprès des :

Éditions du gouvernement du Canada
Ottawa (Ontario) K1A 0S9
Tél. : 613-941-5995; É.-U. et Canada 1-800-635-7943
Fax : 613-954-5779; É.-U. et Canada 1-800-565-7757
Internet : publications.gc.ca
Courriel : publications@tpsgc.gc.ca



Alien invaders in Canada's waters, wetlands, and forests. 2002. Claudi, R.; Nantel, P.; Muckle-Jeffs, E.; eds. 60 color photos and maps. 320 p. Cat. No. Fo42-329/2002E.

ISBN 0-660-18825-2. $30.00

Envahisseurs exotiques des eaux, milieux humides et forêts du Canada. 2002. Claudi, R.; Nantel, P.; Muckle-Jeffs, E., dir. de publ. 60 photos couleurs et cartes. 320 p. N° de cat. Fo42-329/2002F.

ISBN 0-660-96686-7. 30,00 $

Forest insect pests in Canada. 1995. Armstrong, J.A.; Ives, W.G.H.; eds. 134 color photos; 56 black & white photos; 112 illus. 742 p. Cat. No. Fo42-235/1995E.

ISBN 0-660-15945-7. $69.95

Insectes forestiers ravageurs au Canada. 1995. Armstrong, J.A.; Ives, W.G.H., réd. 134 photos couleurs; 56 photos noir et blanc; 112 illustr. 732 p. N° de cat. Fo42-235/1995F.

ISBN 0-660-94939-3. 69,95 $

Insects of eastern spruces, fir and hemlock. 1994. Rose, A.H.; Lindquist, O.H. Revised by P. Syme. 200 color photos. 159 p. Cat. No. Fo64-23/1994E.

ISBN 0-660-15112-X. $39.95

Insectes des épinettes, du sapin et de la pruche de l'est du Canada. 1994. Rose, A.H.; Lindquist, O.H. Révisé par P. Syme. 200 photos couleurs. 159 p. N° de cat. Fo64-23/1994F.

ISBN 0-660-94228-3. 39,95 $

Tree diseases of eastern Canada. 1994. Myren, D.T.; Laflamme, G.; Singh, P.; Magasi, L.P.; Lachance, D.; eds. 276 color photos. 168 p. Cat. No. Fo42-186/1994E.

ISBN 0-660-14936-2. $51.95

Maladies des arbres de l'est du Canada. 1994. Myren, D.T.; Laflamme, G.; Singh, P.; Magasi, L.P.; Lachance, D., réd. 276 photos couleurs. 159 p. N° de cat. Fo42-186/ 1994F.

ISBN 0-660-94154-6. 51,95 $

Les Presses de l'Université Laval

Publications vendues par l'entremise du distributeur :

Les Presses de l'Université Laval —
Les Éditions de l'IQRC
Bureau 3103, Pavillon Maurice-Pollack
Cité universitaire
Sainte-Foy (Québec) G1K 7P4
Tél. : 418-656-2803
Fax : 418-656-3305

Insectes des pins de l'est du Canada. 1999. Rose, A.H.; Lindquist, O.H.; Nystrom K.L. 190 photos couleurs. 128 p.

ISBN 0-660-96116-4. 35,95 $

Insectes des feuillus de l'est du Canada. 1997. Rose, A.H.; Lindquist, O.H. Révisé par K.L. Nystrom. 506 photos couleurs. 304 p.

ISBN 0-660-95565-2. 45,95 $

Méthode canadienne de prévision du comportement des incendies de forêt (PCI) : guide de l'utilisateur. 2000. Hirsch, K.G. RNCan, SCF, Centre de foresterie du Nord, Edmonton (Alberta). Rapport spécial 7. 51 illustrations; 19 tableaux. 122 p.

ISBN 0-660-96402-3. 14,95 $

Insectes du mélèze, du thuya et du genévrier de l'est du Canada. 2000. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 150 photos couleurs. 104 p.

ISBN 0-660 -96300-0. 32,95 $

Plantes indicatrices des forêts canadiennes. 1997/1998. Ringius, G.S.; Sims, R.A. Illustré par S.J. Meades. 180 illustrations botaniques; 80 cartes de répartition. 217 p.

Reliure souple : ISBN 0-660-95508-3. 19,95 $
Reliure toile : ISBN 0-660-95958-5. 39,95 $

University of British Columbia (UBC) Press

These publications are available directly from the distributor at the following address:

UBC Press
c/o UTP Distribution
5201 Dufferin Street
Toronto, ON M3H 5T8
Phone orders: 1-800-565-9523 or 416-667-7791
Fax orders: 1-800-221-9985 or 416-667-7832
E-mail: utpbooks@utpress.utoronto.ca

Canadian Forest Fire Behavior Prediction (FBP) System: interactive training and reference. 1998. Hirsch, K.G. Interactive, multimedia CD-ROM.

ISBN 0-660-176 00-9. $129.95

Aboriginal plant use in Canada's northwest boreal forest. 2000. Marles, R.J.; Clavelle, C.; Monteleone, L.; Tays, N.; Burns, D. 200 color photos. 256 p.

Cloth: ISBN 0-7748-0737-7. $75.00
Paper: ISBN 0-7748-0738-5. $25.95

Canadian Forest Fire Behavior Prediction (FBP) System: user's guide. 1996. Hirsch, K.G. 51 figs; 19 tables. 122 p.

ISBN 0-660-16389-6. $14.95

University of British Columbia (UBC) Press

DendroScan: a tree-ring width and density measurement system. 1996. Varem-Sanders, T.M.L.; Campbell, I.D. Spec. Rep. 10. Includes DOS-for-matted disk and a precalibrated precision wedge. 131 p.

ISBN 0-660-16659-3. $99.95

Distribution of severe dwarf mistletoe damage in west-central Canada. 1998. Brandt, J.P.; Brett, R.D.; Knowles, K.R.; Sproule, A. Spec. Rep. 13. Includes maps and CD-ROM with Arc/Info file; 16 color figs. 27 p.

ISBN 0-660-17533-9. $29.95

Ecological classification of Saskatchewan's mid-boreal ecoregions using resource maps and aerial photographs. 1999. Beckingham, J.D.; Futoransky, V.A.; Corns, I.G.W. Spec. Rep. 14. 5 aerial photo stere-ograms. 83 p.

ISBN 0-660-17864-8. $19.95

Field guide to the Canadian Forest Fire Behavior Prediction (FBP) System. 1997. Taylor, S.W.; Pike, R.G.; Alexander, M.E. 16 color photos. 60 p.

Paper: ISBN 0-660-17100-7. $19.95
Binder: ISBN 0-660-17099-X. $24.95

A field guide to classify and measure aspen decay and stain. 1995. Hiratsuka, Y.; Stokes, T.; Chakravarty, P.; Morgan, D.J. 31 photos; 6 figs. 27 p.

ISBN 0-660-16039-0. $9.95

Field guide to ecosites of northern Alberta. 1996. Beckingham, J.D.; Archibald, J.H. Spec. Rep. 5. 88 color photos; 88 botanical drawings; 24 figs; 1 folded map. 528 p.

Paper: ISBN 0-660-16369-1. $29.95
Binder: ISBN 0-660-16386-1. $34.95

Field guide to ecosites of southwestern Alberta. 1996. Archibald, J.H.; Klappstein, G.D.; Corns, I.G.W. Spec. Rep. 8. 113 photos; 112 botanical drawings; 24 figs. 492 p.

Paper: ISBN 0-660-16439-6. $29.95
Binder: ISBN 0-660-16440-X. $34.95

Field guide to ecosites of the mid-boreal ecoregions of Saskatchewan. 1996. Beckingham, J.D.; Nielsen, D.G.; Futoransky, V.A. Spec. Rep. 6. 109 color photos; 103 botanical drawings; 33 figs. 464 p.

Paper: ISBN 0-660-16387-X. $29.95
Binder: ISBN 0-660-16388-8. $34.95

Field guide to ecosites of west-central Alberta. 1996. Beckingham, J.D.; Corns, I.G.W.; Archibald, J.H. Spec. Rep. 9. 111 color photos; 106 botanical drawings; 40 figs.; 1 folded map. 540 p.

Paper: ISBN 0-660-16441-8. $29.95
Binder: ISBN 0-660-16442-6. $34.95

Field guide to forest ecosystems of west-central Alberta. 1986. Corns, I.G.W.; Annas, R.M. 80 photos; 80 botanical drawings; 1 folded map. 251 p.

ISBN 0-662-14644-1. $19.95

A field guide to forest insects and diseases of the prairie provinces. 2004. Hiratsuka, Y.; Langor, D.W.; Crane, P.E. 2nd ed. Spec. Rep. 3. 582 color photos. 297 p.

ISBN 0-660-19368-X. $29.95

Forest ecosystem classification for Manitoba: field guide. 1995. Zoladeski, C.A.; Wickware, G.M.; Delorme, R.J.; Sims, R.A.; Corns I.G.W. Spec. Rep. 2. 60 botanical drawings. 205 p.

Paper: ISBN 0-660-15944-9. $24.95
Binder: ISBN 0-660-15944-X. $29.95

University of British Columbia (UBC) Press

Forest ecosystem toposequences in Manitoba. 1998. Zoladeski, C.A.; Delorme, R.J.; Wickware, G.M.; Corns, I.G.W.; Allan, D.T. Spec. Rep. 12. 12 photos; 10 air photostereographs; 1 map; 20 drawings; 10 figs. 63 p.

ISBN 0-662-26614-5. $19.95

Forest tree diseases of the prairie provinces. 1987. Hiratsuka, Y. 189 color photos. 142 p.

ISBN 0662-15281-6. $34.95

Indicator plant species in Canadian forests. 1997/1998. Ringius, G.S.; Sims, R.A. Illustrated by S.J. Meades. 180 botanical drawings; 80 range maps. 224 p.

Cloth: ISBN 0-660-174 69-3. $39.95
Paper: ISBN 0-660-16823-5. $19.95

Insects of eastern hardwood trees. 1997. Rose, A.H.; Lindquist, O.H. Revised by K.L. Nystrom. 506 color photos. 304 p.

ISBN 0-660-16903-7. $45.95

Insects of eastern larch, cedar and juniper. 2000. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 150 color photos. 104 p.

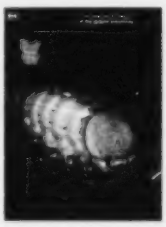
ISBN 0-660-18074-X. $32.95

Insects of eastern pines. 1999. Rose, A.H.; Lindquist, O.H.; Nystrom, K.L. 190 color photos. 128 p.

ISBN 0-660-17720-X. $35.95

Seed germination of indigenous trees in Tanzania. 1998. Msanga, H.P. 18 photos; 142 drawings. 292 p.

ISBN 0-660-17707-2. $24.95



Tree and shrub insects of the prairie provinces. 1988. Ives, W.G.H.; Wong, H.R. 1100 color photos; 12 figs. 327 p.

ISBN 0-662-15770-2. $39.95

Miscellaneous Publishers / Autres éditeurs

The American Phytopathological Society

This publication is available directly from the publisher:

APS Press Headquarters
3340 Pilot Knob Road
Saint Paul, Minnesota, 55121-2097 USA
Tel.: 651-454-7250; 1-800-328-7560
Fax: 651-454-0766
E-mail: aps@sciosoc.org
Online order: www.shopapspress.org/ilgerufued.html

Illustrated genera of rust fungi. 3rd ed. 2003. Cummins, G.B.; Hiratsuka, Y. 53 color illustrations; 134 black & white illustrations. 223 p.

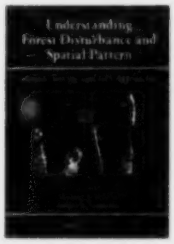
ISBN 0-89054-304-6. US$65.00

Miscellaneous Publishers / Autres éditeurs

CRC Press

This priced publication is available directly from the publisher:

CRC Press
6000 Broken Sound Parkway, NW, Suite 300
Boca Raton, Florida 33487
Tel.: 1-800-272-7737
E-mail: orders@crcpress.com
Online order: www.crcpress.com



Understanding forest disturbance and spatial pattern: remote sensing and GIS approaches. 2006. Wulder, M.A.; Franklin, S.E., eds. 246 p.

ISBN 084933425X. US$99.95

Crown Publications

This publication is available directly from the distributor or at its storefront, both at the following address:

Crown Publications
521 Fort Street
Victoria, British Columbia V8W 1E7
Tel.: 250-386-4636
E-mail: crown@pinc.com

Field guide to forest damage in British Columbia. 1999. Henigman, J.; Ebata, T.; Allen, E.; Holt, J.; Pollard, A.; eds. Joint Pub. 17. Color photos. 348 p.

Binder: ISBN 0-7726-3866-7. $40.00

Forest Gene Conservation Association

This publication is available directly from the distributor:

Forest Gene Conservation Association
Suite 233, 266 Charlotte Street
Peterborough, Ontario K9J 2V4
Tel.: 705-755-3284
Fax: 705-755-3292

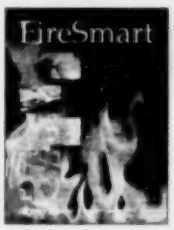
Insects of seed cones in eastern Canada: field guide. 2005. Turgeon, J.J.; de Groot, P.; Sweeney, J.D. 127 p.

ISBN 0-662-35099-5. $20.00

Partners in Protection

This publication is available directly from the publisher:

Partners in Protection
P.O. Box 45047
Landsdowne Postal Station
Edmonton, Alberta T6H 3S0
Tel.: 780-435-7312
Download: www.partnersinprotection.ab.ca



FireSmart: protecting your community from wildfire. 2nd ed. 2003. 165 p.

ISBN 0-662-34064-7. $15.00, including shipping.

Pensoft Publishers

This publication is available directly from the bookstore below:

NHBS Environment Bookstore
2-3 Wills Road
Totnes, Devon TQ9 5XN UK
Tel.: +44 (0)1803 865913
Fax : +44 (0)1803 865280
Email : customer.services@nhbs.co.uk
Online order: www.nhbs.com/services/pensoft.html

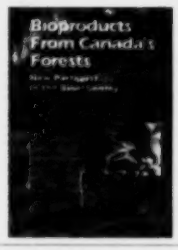
Catalogue of aleocharine rove beetles of Canada and Alaska (Coleoptera, Staphylinidae, Aleocharinae). 2007. Gouix, N.; Klimaszewski, J. 17 color plates. 165 p.

ISBN 978-954-642-294-1. £58.50 (about $120.00)

Springer

This book is available directly from the publisher:

Springer
333 Meadowlands Parkway
Secaucus, New Jersey, 07094 USA
E-mail: service-ny@springer.com



Bioproducts from Canada's forests: new partnerships in the bioeconomy. 2006. Wetzel, S.; Duchesne, L.C.; Laporte, M.F. 257 p.

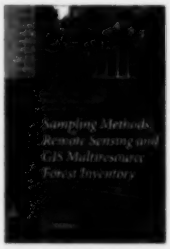
ISBN 978-1-4020-4991-0. $US139.00

Miscellaneous Publishers / Autres éditeurs

Springer Distribution Çentre

This publication is available directly from the distributor:

Springer Distribution Center
GmbH Haberstr. 7
Heidelberg Germany 69126
Fax: +49 (0) 6221-345-4229
E-mail: SDC-bookorder@springer.com



Sampling methods, remote sensing and GIS multiresource forest inventory. 2006. Köhl, M.; Magnussen, S.; Marchetti, M., ed. 374 p.

ISBN 978-3-540-32571-0. $200.00

University of Alberta

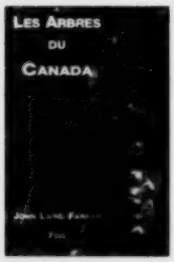
This publication is available directly from the distributor at the following address:

University of Alberta Press
c/o UNIpresses
Georgetown Terminals Warehouses
34 Armstrong Avenue
Georgetown, Ontario L7G 4R9
Tel: 905-873-9781; 1-877-864-8477
Fax: 905-873-6170; 1-877-864-4272
E-mail: orders@gtwcanada.com

Rare vascular plants of Alberta. 2001. Kershaw, L.; Gould, J.; Johnson, D.; Lancaster, J.; eds. 415 color photos, 480 drawings, 528 p.

Cloth: ISBN 0-88864-380-2. $75.00
Paper: ISBN 0-88864-319-5. $29.95

At Your Local Bookseller / Dans toute bonne librairie



Les Arbres du Canada. 1996. Farrar, J.L. 580 photos couleurs; 1600 illustrations botaniques; 136 cartes de répartition. 512 p. Couverture rigide :

ISBN 2-7621-1824-7. 39,95 $*

Les Arbres du Canada sur CD-ROM. 1998. Farrar, J.L. Toutes les caractéristiques du livre dans un format interactif, plus une section complète sur la classification et la biologie des arbres.

ISBN 0-660-95916-X. 54,95 $*

The forests of Canada. 2003. Farr, K. 150 color photos. 152 p.

ISBN 0-660-19004-4. $39.95**

Les Forêts du Canada. 2003. Farr, K. 150 photos couleurs. 152 p.

ISBN 0-660-96807-X. 39,95 $**

Plants of the western boreal forest and aspen parkland. 1995. Johnson, D.; Kershaw, L.; MacKinnon, A.; Pojar, J. 800 color photos; 900 line drawings. 392 p.

ISBN 1-55105-058-7. $24.95***

Trees in Canada. 1995. Farrar, J.L. 580 color photos; 1600 botanical drawings; 136 range maps. 512 p.

Cloth: ISBN 1-55041-199-3. $50.00**

Trees in Canada on CD-ROM. 1998. Farrar, J.L. All the features of the book in an interactive format, plus a comprehensive section on tree classification and structure.

ISBN 0-660-17394-8. $54.95**

* Distribué par Éditions Fides, 165, rue Deslauriers, Saint-Laurent (Québec) H4N 2S4. Courriel : editions@fides.qc.ca

** Distributed by Fitzhenry & Whiteside Limited, 195 Allstate Parkway, Markham, Ontario L3R 4T8. E-mail: godwit@fitzhenry.ca

*** Distributed by Lone Pine Publishing, 10145-81 Ave, Edmonton, Alberta T6E 1W9. E-mail: info@lonepinepublishing.com

Canadian Forest Service free publications can be ordered from the CFS Online Bookstore or by mail, fax, phone, and e-mail from the research establishment that publishes them. The originating establishment is indicated with a circled number after each publication cited in this issue.

Publications Digest is prepared and published by Science and Programs Branch, HQ, Canadian Forest Service, Ottawa. Copies may be obtained free of charge from Natural Resources Canada (address ⑥ below).

Editor/Compiler: Francine Bérubé
Text Editor: Catherine Carmody
Graphic Designer: Julie Piché

Pour obtenir une publication gratuite du Service canadien des forêts, il faut la commander via la Librairie virtuelle du SCF, ou par la poste, par fax, par téléphone, ou par courrier électronique, à l'établissement de recherche qui l'a publiée. L'établissement d'origine est indiqué par un numéro encerclé à la fin de chaque publication mentionnée dans ce numéro de l'*Abrégé*.

L'Abrégé des publications est publié par la Direction des sciences et des programmes du Service canadien des forêts à l'administration centrale, à Ottawa. Il est possible d'obtenir sans frais des exemplaires de cette publication en s'adressant à Ressources naturelles Canada (adresse ⑥ ci-dessous).

Révision–compilation : Francine Bérubé
Révision du texte : Denis Rochon
Conception graphique : Julie Piché

Bookstore: bookstore.cfs.nrcan.gc.ca

① **Natural Resources Canada, Canadian Forest Service**
Atlantic Forestry Centre
P.O. Box 4000
Fredericton, New Brunswick E3B 5P7
Tel.: 506-452-3500 Fax: 506-452-3525

② **Natural Resources Canada, Canadian Forest Service**
Laurentian Forestry Centre
1055 rue du P.E.P.S., P.O. Box 10380, Station Sainte-Foy
Quebec, Quebec G1V 4C7
Tel.: 418-648-3524 Fax: 418-648-2529

③ **Natural Resources Canada, Canadian Forest Service**
Great Lakes Forestry Centre
1219 Queen Street East
Sault Ste. Marie, Ontario P6A 2E5
Tel.: 705-949-9461 Fax: 705-541-5700
E-mail: glfcweb@nrcan.gc.ca

④ **Natural Resources Canada, Canadian Forest Service**
Northern Forestry Centre
5320–122nd Street
Edmonton, Alberta T6H 3S5
Tel.: 780-435-7365 Fax: 780-435-7359
E-mail: publications@nofc.forestry.ca

⑤ **Natural Resources Canada, Canadian Forest Service**
Pacific Forestry Centre
506 West Burnside Road
Victoria, British Columbia V8Z 1M5
Tel.: 250-363-0600 Fax: 250-363-0775
E-mail: nperreau@pfc.cfs.nrcan.gc.ca

⑥ **Natural Resources Canada, Canadian Forest Service**
Headquarters
580 Booth Street, 15th Floor
Ottawa, Ontario K1A 0E4
Tel. 1-800-387-2000 Fax: 613-740-3114
E-mail: cfs-scf@nrcan.gc.ca

Librairie : librairie.scf.rncan.gc.ca

① **Ressources naturelles Canada, Service canadien des forêts**
Centre de foresterie de l'Atlantique
C.P. 4000
Fredericton (Nouveau-Brunswick) E3B 5P7
Tél. : 506-452-3500 Fax : 506-452-3525

② **Ressources naturelles Canada, Service canadien des forêts**
Centre de foresterie des Laurentides
1055, rue du P.E.P.S., C.P. 10380, Succursale Sainte-Foy
Québec (Québec) G1V 4C7
Tél. : 418-648-3524 Fax : 418-648-2529

③ **Ressources naturelles Canada, Service canadien des forêts**
Centre de foresterie des Grands Lacs
1219 Queen Street East
Sault Ste. Marie (Ontario) P6A 2E5
Tél. : 705-949-9461 Fax : 705-541-5700
Courriel : glfcweb@nrcan.gc.ca

④ **Ressources naturelles Canada, Service canadien des forêts**
Centre de foresterie du Nord
5320–122nd Street
Edmonton (Alberta) T6H 3S5
Tél. : 780-435-7365 Fax : 780-435-7359
Courriel : publications@nofc.forestry.ca

⑤ **Ressources naturelles Canada, Service canadien des forêts**
Centre de foresterie du Pacifique
506 West Burnside Road
Victoria (Colombie-Britannique) V8Z 1M5
Tél. : 250-363-0600 Fax : 250-363-0775
Courriel : nperreau@pfc.cfs.nrcan.gc.ca

⑥ **Ressources naturelles Canada, Service canadien des forêts**
Administration centrale
580, rue Booth, 15e étage
Ottawa (Ontario) K1A 0E4
Tél. : 1-800-387-2000 Fax : 613-740-3114
Courriel : cfs-scf@nrcan.gc.ca

© Her Majesty the Queen in Right of Canada, 2008
Catalogue No. Fo12-24/2008
ISSN 1183-7918

© Sa Majesté la Reine du Chef du Canada, 2008
Numéro de catalogue Fo12-24/2008
ISSN 1183-7918

Printed on recycled paper Imprimé sur du papier recyclé
Permanent Paper Papier permanent